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Geol Survey

# Petroleum Industry in Illinois, 1982

## Oil and Gas Developments

Jacob Van Den Berg

## Waterflood Operations

Jaclyn Rendall Elyn

ILLINOIS PETROLEUM 125  
1984

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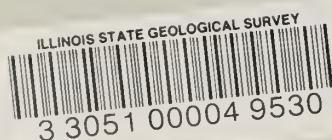
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# Petroleum Industry in Illinois, 1982

## ABSTRACT

Illinois produced 27,709,000 barrels of crude oil in 1982, an increase of 8.7 percent from 1981. The value of this crude oil is estimated to be \$804 million.

New test holes drilled for oil and gas numbered 2,955—3.9 percent less than in 1981. These tests resulted in 1,686 oil wells, 10 gas wells, and 1,259 dry holes. In addition, 29 former dry holes were reworked or deepened and completed as producers, and 25 former producers were reworked or deepened and completed as producers in new pay zones. In oil and gas exploration and development, including service wells, total footage drilled in 1982 was 8,259,460 feet, 6.7 percent less than in 1982.

Twelve oil fields, 1 gas field, 52 new pay zones in fields, and 71 extensions to fields were discovered in 1982.

Of the 2,955 new holes drilled as oil and gas tests in 1982, 509 were ½ mile or more from production (wildcats); 82 of these were completed as producers, a success rate of 16.1 percent. Of the wildcat tests, 196 were drilled more than 1½ miles from production (wildcat fars). They resulted in 13 producers, a success rate of 6.6 percent.

A total of 206 service wells (water input, salt water disposal, etc.) was reported in 1982.

Two waterflood projects were reactivated and eight new projects were reported by their respective operators. Five projects were abandoned during the year. New projects increased the area subject to fluid injection by 1,405 pay acres.

Secondary recovery production was estimated at 9,655,800 barrels of crude oil. Waterfloods accounted for 9,552,100 barrels, or 34.5 percent of the state total, and pressure maintenance projects reported 103,700 barrels, or 0.37 percent of the state total.

## ACKNOWLEDGMENTS

The cooperation of many individuals and companies in the oil and gas industry makes this report possible. We appreciate their contributions.



# Part I. Oil and Gas Developments

Jacob Van Den Berg

## OIL PRODUCTION AND VALUE

Illinois in 1982 produced 27,709,000 barrels of crude oil, an increase of 8.7 percent over the 25,490,000 barrels produced in 1981.

Oil production in Illinois reached its peak in 1940, shortly after the 1936 discovery of oil in the Illinois Basin. In the peak year, 147,647,000 barrels of oil were produced. Production then gradually declined to 59,025,000 barrels in 1953. The rate and amount of decline would have been greater had not the waterflooding method of secondary recovery been introduced to Illinois in 1943.

In 1954 the decline in production was reversed, due in part to increased use of waterflooding and in part to fracture-treatment completion practices. Production increased to a post-1953 peak of 82,314,000 barrels in 1956. Except for some minor fluctuations, oil production declined to 21,793,000 barrels in 1979. The incentives brought about by the deregulation of price controls on oil caused an increase in drilling since 1979 and a concomitant increase in production to the 27,709,000 barrels produced in 1982.

Table 1A lists by counties the number of holes drilled, the footage drilled, and the oil production in 1982. Holes drilled are classified as tests for oil and gas, service wells, and structure tests. The oil production and other data for each of the oil fields in Illinois are shown in table 8.

Crude oil production figures by fields are received from one source, those for the state as a whole from another. The latter source is believed to be the more accurate and is used for the total production for the state. This accounts for the 430,057 barrels of crude oil for which field and county assignments are not known (tables 1A and 8).

Eleven counties had more than 900,000 barrels of oil production each in 1982. Their combined production accounted for 74.4 percent of total production in Illinois.

Fields in Illinois that produced more than 200,000 barrels of oil each in 1982 accounted for 65.8 percent of the state's total production.

## Oil production by county

County	1982 production (bbl)	Percentage of state's total
Wayne	3,440,044	12.4
White	3,235,629	11.7
Marion	2,697,667	9.7
Lawrence	2,253,903	8.1
Fayette	1,688,192	6.1
Crawford	1,614,545	5.8
Clay	1,468,640	5.3
Edwards	1,234,614	4.5
Wabash	1,045,331	3.8
Jefferson	983,455	3.6
Richland	950,911	3.4
<b>TOTAL</b>	<b>20,612,931</b>	<b>74.4</b>

## Oil production by field

Field*	1982 production (bbl)	Percentage of state's total
Southeastern Illinois oil field†	4,258,045	15.4
Clay City C	3,332,344	12.0
Salem C	2,269,840	8.2
Louden	1,664,014	6.0
New Harmony C	1,521,098	5.5
Sailor Springs C	595,514	2.2
Herald C	499,649	1.8
Phillipstown C	491,632	1.8
Buckhorn East	383,394	1.4
Dale C	369,948	1.3
Roland C	341,589	1.2
Albion C	311,607	1.1
Parkersburg C	306,224	1.1
Johnsonville C	287,678	1.0
Goldengate C	275,351	1.0
Maple Grove South C	249,769	0.9
Hidalgo South	241,648	0.9
Iola C	225,551	0.8
Keenville	223,068	0.8
Mill Shoals	204,458	0.7
Harristown	202,301	0.7
<b>TOTAL</b>	<b>18,254,722</b>	<b>65.8</b>

\*C = Consolidated

† Comprising Allendale and Main Consolidated fields, and Clark County and Lawrence County Divisions in table 8.



On the basis of a price of \$29.00 a barrel at the wells, the total value of crude oil produced in Illinois in 1982 was estimated to be \$803,561,000. Table 1A gives production by counties, and table 8 gives production by fields.

### 1982 DRILLING

In 1982, 3,190 well completions in connection with oil and gas exploration and development were processed by the Illinois State Geological Survey (table 1A), 4.8 percent less than in 1981. These wells include new holes drilled as oil and gas tests, former dry holes reworked or deepened and recompleted as producers, former producers reworked or deepened and recompleted as producers in new pay zones, new holes drilled as service wells, and old holes converted to service wells. No structure tests were reported. The number of permits issued in 1982 was 4,819, compared with 4,776 in 1981.

In testing for oil and gas, 2,955 new holes were reported drilled in 1982, down 3.9 percent from 1981. Wells in secondary and tertiary recovery projects are included. These wells resulted in 1,686 oil wells, 10 gas wells, and 1,259 dry holes. In addition, 29 former dry holes were reworked or deepened and recompleted as producers (all oil), and 25 former producers were reworked or deepened and recompleted as producers (all oil) in new pay zones. A total of 206 service wells (water input, salt water disposal, etc.) were reported in 1982; these include 143 new wells drilled and 63 old wells converted to service wells.

Of the 102 counties in Illinois, 51 had new holes drilled as oil and gas tests in 1982. Twelve counties accounted for 76.1 percent of these new holes: Wayne (290), Crawford (261), Jasper (237), Clay (234), Edwards (234), White (194), Lawrence (163), Richland (157), Wabash (153), Marion (144), Jefferson (95), and Brown (86).

Total footage drilled in 1982 in connection with oil and gas exploration and development, including service wells, was 8,259,460 feet, 6.7 percent less than in 1981. For the 2,955 new holes drilled as oil and gas tests in 1982, the total footage was 8,016,286 feet, an average of 2,713 feet per well, compared with an average of 2,786 feet per well in 1981. The decline in average depth per well probably is accounted for by the large number of wells drilled in the shallow parts of the basin, such as in the Adams-Brown-Schuyler County area where total depth of wells is commonly 700 feet or less.

A total of 123 wells had initial production figures of 100 or more barrels per day in 1982. One well, the R G & P Petroleum, Inc. #1 Gerald Rich (in Parkersburg Consolidated field, Sec. 19, T. 1 N., R. 14 W., Edwards County), had an initial production of 720 barrels of oil per day through perforations between 3,152 and 3,156 feet in the Spar Mountain Sandstone.

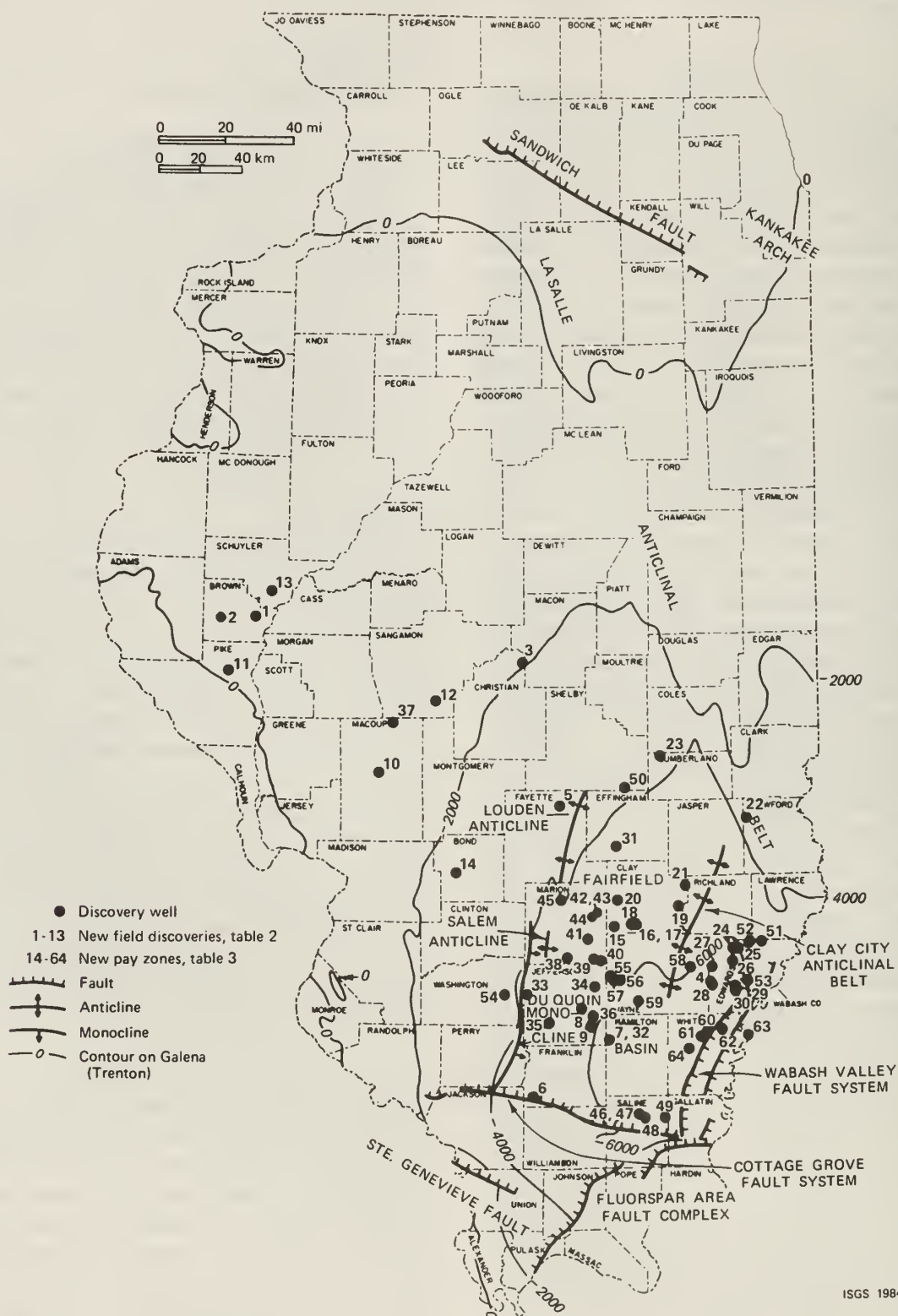
### DISCOVERIES

Twelve oil fields, 1 gas field, and 52 new pay zones in fields were discovered in 1982 (fig. 1; tables 2 and 3). There were 71 extensions to fields (table 4). With few exceptions, extensions are successful tests drilled from  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production. One of the new fields produces from rocks of Pennsylvanian age, 5 produce from the Mississippian, 2 from the Devonian, and 5 from the Silurian. Of the 52 new pay zones in fields, 45 produce from the Mississippian, 4 from the Devonian, 2 from the Silurian, and 1 from the Ordovician (Trenton).

The most important discovery in 1982 was that of Buckhorn East field in Brown County. The discovery well, Rofan Energies #1 Hippen in Section 36, T. 1 S., R. 4 W., was completed in April and produced 125 barrels of oil per day from Silurian dolomite from 655 to 666 feet total depth. Although table 8 shows 41 producing wells in the field, the number probably is appreciably higher because of wells that had not yet been reported. Drilling in the area is by air tools, which can reach total depth in a day. Initial production figures on individual wells ranged from a few to 140 barrels of oil per day. The field produced more than 380,000 barrels of oil by the end of 1982; it should ultimately produce more than 1.5 million barrels. None of the other fields discovered in 1982 is expected to add significantly to reserves.

### EXPLORATION

Of the 2,955 new holes drilled as oil and gas tests in 1982, 509 were wildcats ( $\frac{1}{2}$  mile or more from production). Eighty-two of the wildcats were completed as producers, a success rate of 16.1 percent. Of the 312 wildcats drilled between  $\frac{1}{2}$  to  $1\frac{1}{2}$  miles from production (wildcat nears), 69 were producers, a success rate of 22.1 percent. The 196 wildcats drilled more than  $1\frac{1}{2}$  miles from production (wildcat fars) resulted in 13 producers, a success rate of 6.6 percent. At least one wildcat far was drilled in each of 46 counties.



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Figure 1. Major tectonic features of Illinois and their relation to significant holes drilled during 1982.



As a result of the discovery of Buckhorn East field, the area of greatest exploratory activity in Illinois in 1982 was in Brown County and the adjoining counties of Adams, Schuyler and Pike. In 1981, 29 permits to drill were issued for Brown County; 496 were issued in 1982. The area is high on the northwest flank of the Illinois Basin and only a few miles east of the crest of the Mississippi River Arch. Oil was first produced in the county in 1959 when Siloam field, a Silurian producer about four miles southwest of Buckhorn East field, was discovered. It is the only other field of any significance in Brown County; it has produced about 250,000 barrels of oil. Late in 1982, Coopers-town West field was discovered in the county, about seven miles east of Buckhorn East field; it has only one well, which had an initial daily production of five barrels of oil per day from the Silurian. Griggsville gas field in Pike County and Rushville South field in Schuyler County were discovered in 1982. Griggsville field, a Silurian producer about 3.5 miles southeast of Fishhook gas field, has had seven producers reported, with initial potentials ranging up to 2.5 million cubic feet of gas per day. Rushville South field has only one well; it had an initial daily production of seven barrels of oil per day from the Devonian. Kellerville field in Adams County, just over the line from Brown County, is a Silurian producer and was discovered in 1959. It has produced about 240,000 barrels of oil, the only significant oil production in Adams, Pike, and Schuyler Counties. Fishhook gas field in Pike County was discovered in 1955. From it about 900 million cubic feet of gas has been marketed in recent years after having been shut in for many years.

Deeper production was discovered in 23 oil fields in 1982. Spar Mountain production was found in Browns South, Eldorado West, and Omega; McClosky in Eldorado West; St. Louis in Oakdale North and Shumway; Salem in Bone Gap Consolidated, Centerville East, Crossville, Exchange East, Flora South, Hickory Hill, Lancaster, Mason North, and Massilon; Ullin in Dahlgren South and Flora South; Borden in Waltonville; Devonian in Keenville, Lexington, Mattoon South, and Xenia; Silurian in Oskaloosa and Virden West; and Trenton in Pyramid.

Ninety unsuccessful tests were drilled in the exploration for deeper production within existing fields. Of these, 1 bottomed in the Benoist, 5 in the Ste. Genevieve, 6 in the St. Louis, 39 in the

Salem, 20 in the Ullin, 1 in the Fort Payne, 14 in the Devonian, 3 in the Silurian, and 1 in the Trenton.

The deepest well reported in 1982 was a Potosi Dolomite (Cambrian) test drilled to a total depth of 8,105 feet in Perry County (table 5). The well is three quarters of a mile southeast of Tamaroa field.

The Salem continued to be an important exploratory objective in 1982. Two of the new fields produce from the Salem, and Salem production was discovered in 11 old fields.

The Devonian in the deeper parts of the basin has been receiving increased attention. Counting only wells that were drilled to a total depth of 4,500 feet or deeper in 1982, 55 tested the Devonian or deeper at total depth. Nine of these bottomed in rocks below the Devonian. Devonian production was discovered in Keenville field, Wayne County, at a depth of 5,013 feet; in Lexington field, Wabash County, at a depth of 4,918 feet; and in Xenia field, Clay County, at a depth of 4,526 feet (table 3, fig. 1). Devonian production was discovered in Oskaloosa South field, Clay County, in 1980 at a depth of 4,400 feet. The field now has at least 17 Devonian producers, including 4 reported in 1982, with initial production figures as high as 280 barrels of oil per day. In Whittington field, Franklin County, Devonian production was discovered in 1981 at a depth of 4,600 feet. The field now has at least 8 Devonian producers, including 5 reported in 1982; initial production figures were as high as 180 barrels of oil per day.

## FIELDS REVIVED AND ABANDONED

Seventeen abandoned fields were revived by successful drilling in 1982: Flora South in Clay County; Carlyle South and Huey in Clinton County; Mattoon South in Cumberland County; Massilon South in Edwards County; Oakley in Macon County; Carlinville North, Plainview, and Virden West in Macoupin County; Alma and Bannister in Marion County; Dawson in Sangamon County; Posen South and Pyramid in Washington County; Locust Grove South and Zenith South in Wayne County; and Crossville West in White County.

Six fields were abandoned in 1982: Samsville North, Edwards County; Logan, Franklin County; Hoodville East, Hamilton County; Litchfield, Montgomery County; Stringtown South, Richland County; and Lexington North, Wabash County.

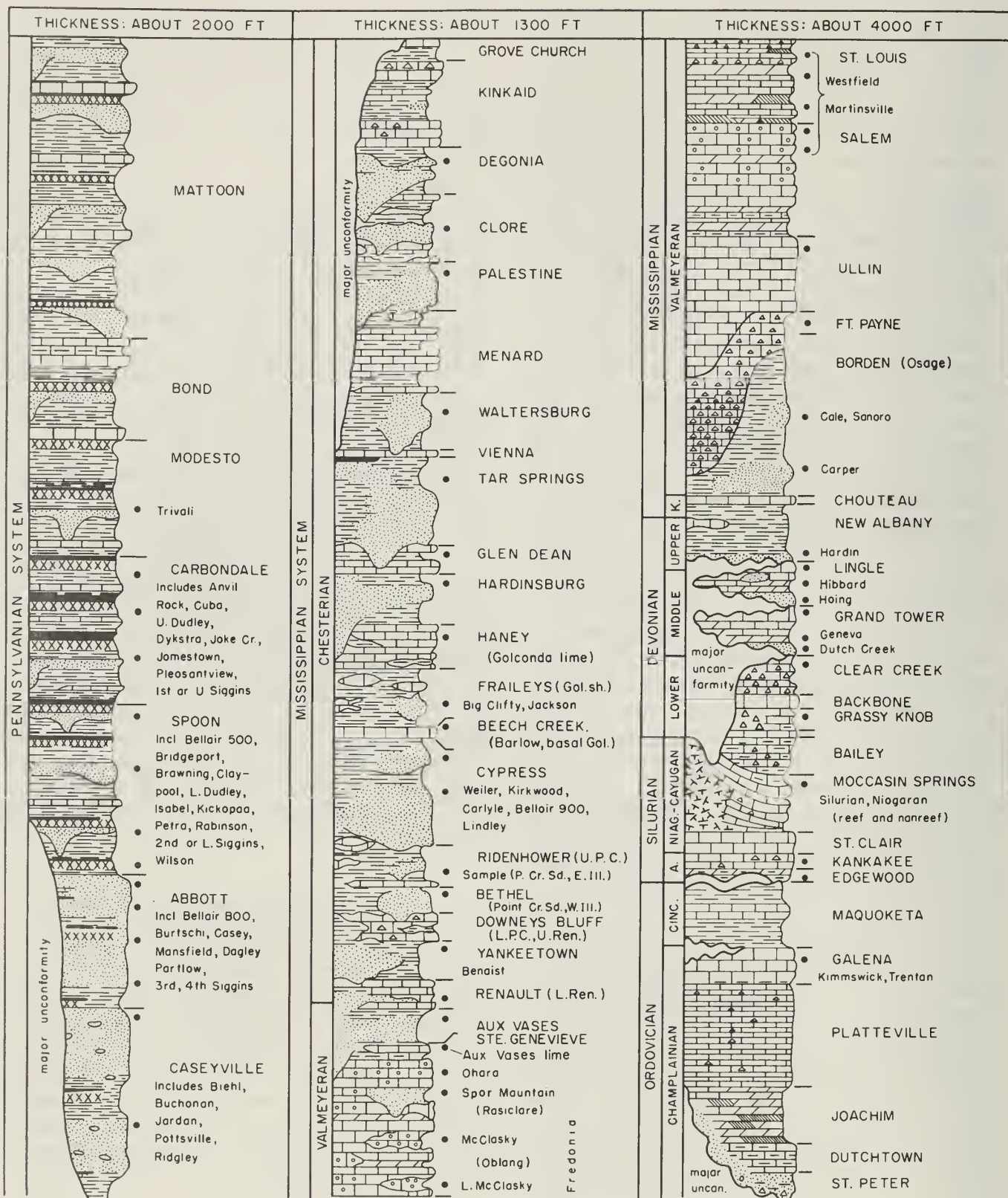


Figure 2. Generalized geologic column of southern Illinois. Solid dots indicate oil and gas pay zones. Formation names are in capitals; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. The names of the Kinderhookian, Niagaran, Alexandrian, and Cincinnati Series are abbreviated as K., Niag., A., and Cinc., respectively. Variable vertical scale. (Originally prepared by David H. Swann.)



These fields had a combined total of 49 wells and cumulative production of 388,000 barrels of oil.

### **GEOLOGIC COLUMN**

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much of Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, nor the approximately 4,000 feet of Ordovician and Cambrian rocks between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by solid dots.

### **PRODUCTIVE ACREAGE**

An estimated 18,980 acres were added to the area productive of oil, and an estimated 280 acres were added to the area productive of natural gas in 1982. The total area in Illinois that has been proven productive of oil is 667,920 acres and of gas, 37,470.

In Illinois the normal spacing pattern for oil wells that produce from depths of less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well. For wells producing from depths greater than 6,000 feet, it is 160 acres per well.

### **GAS PRODUCTION**

Approximately 1,162 million cubic feet of natural gas was produced and marketed in Illinois in 1982, compared with 1,295 million cubic feet in 1981.

From Johnston City East field in Williamson County, 58.5 million cubic feet of gas was sold to Murphysboro, Carbondale, Benton, and DuQuoin. Harco South field in Saline County furnished 0.4 million cubic feet to Harrisburg and Eldorado. From Mattoon field in Coles County, 389.2 million cubic feet was sold in the Effingham, Mattoon, and Paris areas. Eldorado East field in Gallatin County provided 8.3 million cubic feet to the Equality and Carmi areas. Gas from abandoned mines in Saline County in the amount of 50.4 million cubic feet was sold to the United Cities Gas Company in Eldorado. From Waggoner field in Montgomery County, 15.0 million cubic feet was sold in the Virden area.

From Stubblefield South field in Bond County,

9.2 million cubic feet of gas went into the Illinois Power Company system. Illinois Power Company also purchased for their transmission line 54.3 million cubic feet from New Athens field in St. Clair County, 41.8 million cubic feet from St. Libory field in St. Clair County, and 2.0 million cubic feet from Eden field in Randolph County. From St. Jacob East field in Madison County, 4.0 million cubic feet was distributed by Illinois Power Company. Production from Fishhook field in Pike County in the amount of 297.8 million cubic feet was sold to Central Illinois Public Service for their transmission line. Grandview and Inclose fields in Edgar County provided Central Illinois Public Service with 58.9 million cubic feet for their system in the Mattoon-Paris area. Keenville field, Wayne County, supplied 164.3 million cubic feet of gas from oil wells to the Trunkline Gas Company for their transmission line. From oil wells in Loudon field in Effingham and Fayette Counties, 4.3 million cubic feet was sold to the Natural Gas Pipeline Company. From Albion Consolidated field in Edwards County, 3.3 million cubic feet of gas was sold by Daylight Wiser Gas Company of Elberfield, Indiana.

### **UNDERGROUND STORAGE OF LIQUEFIED PETROLEUM GAS**

Twelve caverns, which resulted from the mining of shale or limestone, provide storage capacity for 3,174,000 barrels of liquefied petroleum gases in Illinois (table 6). Propane, butane, propylene, and ethane are the gases being stored.

### **UNDERGROUND STORAGE OF NATURAL GAS**

In Illinois at the end of 1981, 39 underground natural gas storage projects were operating, were being developed, or were being studied for their capabilities for storing gas. Gas is now stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 4,000 feet.

Table 7 lists information about active Illinois storage projects. These storage facilities could hold as much as 1.6 trillion cubic feet of gas; however, the amount of this potential capacity that is likely to be used for storage depends upon the supply of gas. Ultimately, about 1.2 trillion cubic feet will be used. Approximately one-third of stored gas is working gas, and two-thirds is cushion gas,

Table 1A. Summary of oil and gas drilling activity and oil production in 1982.

County	Production tests							Service wells						
	Permits to drill	Total completions	New Holes Prod.*	D&A	OWWO		Footage drilled	New service wells	Conversions		Footage drilled	Structure tests	Total footage drilled	Total oil production (bbl)
					D&A to prod.*	Prod. to prod. in new pay zones			Were prod.	Other†				
Adams	56	13	1	12	-	-	8,982	-	-	-	-	-	8,982	2,144
Bond	29	11	3	4	-	1	8,075	-	3	-	386	-	8,461	52,691
Brown	496	87	43	43	-	-	56,801	-	1	-	-	-	56,801	389,994
Bureau	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Calhoun	-	1	-	1	-	-	725	-	-	-	-	-	725	-
Cass	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Champaign	1	1	-	1	-	-	301	-	-	-	-	-	301	-
Christian	33	19	11	8	-	-	36,594	-	-	-	-	-	36,594	302,396
Clark	106	69	30(1)	21	-	-	40,976	16	1	-	7,952	-	48,928	351,200†
Clay	307	248	154	80	5	2	803,945	1	3	5	3,200	-	807,145	1,468,640
Clinton	30	23	8	11	-	-	31,645	2	2	-	3,582	-	35,227	385,954
Coles	49	12	4	8	-	-	20,805	-	-	-	-	-	20,805	126,495
Crawford	455	305	201(5)	55	2	2	313,432	34	6	2	37,935	-	351,367	1,614,545
Cumberland	24	17	8	9	-	-	37,748	-	-	-	-	-	37,748	-†
De Witt	2	2	-	2	-	-	3,412	-	-	-	-	-	3,412	69,259
Douglas	4	1	-	1	-	-	595	-	-	-	-	-	595	6,703
Edgar	21	10	3	7	-	-	8,371	-	-	-	-	-	8,371	73,314
Edwards	328	242	117	117	1	-	799,652	1	3	3	2,511	-	802,163	1,234,614
Effingham	25	29	11	17	-	-	74,007	-	1	-	13,647	-	87,654	314,986
Fayette	195	73	47	16	1	-	146,810	8	-	1	-	-	146,810	1,688,192
Ford	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Franklin	82	46	29	15	-	-	157,989	-	2	-	-	-	157,989	809,297
Fulton	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Gallatin	67	46	27	15	1	-	110,138	1	2	-	3,035	-	113,173	559,865
Hamilton	72	74	35	31	-	-	254,478	2	3	3	3,193	-	257,671	592,944
Hancock	-	3	-	3	-	-	2,135	-	-	-	-	-	2,135	3,740
Iroquois	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Jackson	16	8	4	4	-	-	27,980	-	-	-	-	-	27,980	12,080
Jasper	209	238	155	82	1	1	689,846	-	-	-	-	-	689,846	864,564
Jefferson	135	99	46	49	1	-	319,442	-	1	2	-	-	319,442	983,455
Johnson	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Knox	-	1	-	1	-	-	745	-	-	-	-	-	745	-
Lawrence	263	224	130(1)	32	1	1	318,868	57	2	1	94,465	-	413,333	2,253,903
Livingston	2	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonough	12	1	1	-	-	-	430	-	-	-	-	-	430	19,851
Macon	83	61	37	24	-	-	127,448	-	-	-	-	-	127,448	337,186
Macoupin	31	34	8(1)	22	-	-	21,432	3	-	-	1,621	-	23,053	9,473
Madison	38	13	4	6	-	-	10,588	2	-	1	1,137	-	11,725	125,220
Marion	194	149	70	74	1	1	442,623	1	2	1	3,126	-	445,749	2,697,667
Monroe	10	13	6	3	-	-	5,448	4	-	-	2,651	-	8,099	304
Montgomery	14	5	-	5	-	-	3,661	-	-	-	-	-	3,661	1,773
Morgan	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Moultrie	3	3	-	3	-	-	6,676	-	-	-	-	-	6,676	2,060
Peoria	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Perry	25	15	1	14	-	-	40,178	-	-	-	-	-	40,178	12,664
Piatt	1	-	-	-	-	-	-	-	-	-	-	-	-	477
Pike	54	9	-(2)	5	-	-	3,510	2	-	-	1,631	-	5,141	-
Randolph	11	4	-	4	-	-	8,171	-	-	-	-	-	8,171	43,889
Richland	190	162	84	73	1	1	525,549	1	2	1	3,120	-	528,669	950,911
St. Clair	22	8	1	7	-	-	12,267	-	-	-	-	-	12,267	13,913
Saline	53	43	14	27	-	-	115,815	-	-	2	-	-	115,815	287,000
Sangamon	60	21	5	16	-	-	36,379	-	-	-	-	-	36,379	328,378
Schuyler	21	9	1	8	-	-	6,667	-	-	-	-	-	6,667	-
Shelby	11	13	2	11	-	-	34,577	-	-	-	-	-	34,577	42,302
Union	2	1	-	1	-	-	2,416	-	-	-	-	-	2,416	-
Vermilion	7	4	-	4	-	-	5,354	-	-	-	-	-	5,354	-
Wabash	189	161	85	68	4	-	469,242	2	1	1	4,638	-	473,880	1,045,331
Washington	70	52	13	38	-	-	134,079	-	1	-	-	-	134,079	475,845
Wayne	369	300	172	113	6	3	1,073,577	2	-	2	6,736	-	1,080,313	3,440,044
White	327	202	115	79	3	13	685,295	3	-	2	5,880	-	691,175	3,235,629
Williamson	7	5	-	4	1	-	13,135	-	-	-	-	-	13,135	48,140
Production, location unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	430,057
Total	4,819	3,190	1,686(10)	1,259	29	25	8,059,014	143	36	27	200,446	-	8,259,460	27,709,089

\*Gas in parentheses; not included in totals.

†Former D&amp;A and other types of wells, except former producers.

‡Production is combined for Clark and Cumberland Counties.



which is not readily available for withdrawal and delivery to customers.

Since 1977, however, one of the major operating companies has curtailed its release of data on storage capacities and withdrawals, which diminishes the usefulness of table 7 for making annual comparisons. Consequently, we have not collected any data from any companies since January 1, 1982. Table 7 will still appear in our annual reports, but as unrevised since January 1, 1982.

## SURFACE STORAGE OF NATURAL GAS

A facility for the liquefaction and storage of natural gas at the Manlove Gas Storage field, Mahomet, Illinois, is being operated by the Peoples Gas Light and Coke Company.

Two above-ground tanks are each capable of containing, as liquefied natural gas, the equivalent of 1 billion cubic feet of pipeline natural gas measured at standard conditions of temperature and pressure.

**Table 1B.** Summary of underground natural gas storage drilling activity in 1982.

County	Permits issued	Total completions	Injection and withdrawal wells		Service wells		Footage Drilled
			New wells	Conversions	New Wells	Conversions	
Livingston	-	1	1	-	-	-	-
	-	1	1	-	-	-	-

**Table 2.** Discovery wells of 13 new fields in 1982.

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod., oil/water (bbl)	Pay zone	Prod. depth (ft)	Total depth (ft)	Comple- tion date
1	Brown 28-1S-2W	Sterling Oil & Gas #1 Paul Reische	Cooperstown W	5/5	Silurian	643	643	10-9
2	Brown 36-1S-4W	Rofan Energies #1 Hippen	Buckhorn E	125	Silurian	666	666	4-8
3	Christian 13-15N-1W	Jasper Oil Prod. #1 J. Hicks	Blackland S	28	Silurian	1,998	2,020	4-24
4	Edwards 31-1S-10E	RK Petro. Corp. #1 Frank Bunting et al.	Half Moon E	80	McClosky	3,379	3,447	8-13
5	Fayette 10-8N-2E	Don Brewer #J-1 Adams	Herrick S	2	Devonian	3,166	3,195	12-7
6	Franklin 21-7S-1E	Interstate Explor. Fund & C. H. Poole #1 Szabo	Royalton	75/10	Renault	2,548	4,515	11-27
7	Hamilton 30-4S-5E	Texaco #1 Koeberlein	Dahlgren S	18/139	Salem	4,260	4,350	5-15-81
8	Jefferson 11-3S-3E	States Explor. #1 Mills-Nichols et al. Unit	King N	19/70	Ohara McClosky St. Louis	2,880 2,911 3,110	4,050	10-31-81
9	Jefferson 5-4S-4E	Prospect Petro. #64-5 N. Adams et al. Unit	Belle Rive SW	67/28	McClosky Salem	3,310 3,680	4,120	10-5
10	Macoupin 24-10N-8W	Gas, Oil & Land Develop. #1 Smith	Comer	3	Pennsylvanian	452	490	10-26
11	Pike 17-4S-3W	I. R. Bennett #1 Myers-Curry	Griggsville	252 MCF	Silurian	381	381	9-2
12	Sangamon 10-13N-5W	John Carey Oil Co. #1 Davidson	Divernon	8/25	Silurian	1,648	1,678	6-15
13	Schuyler 17-1N-1W	Joseph G. Bigard #1 L. Bartlow	Rushville S	7	Devonian	585	642	11-23

Table 3. Discovery wells of 52 new pay zones in fields in 1982.

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	New pay zone	Prod. depth (ft)	Total depth (ft)	Comple- tion date	Remarks
14	Bond 23-5N-4W	Dolphin Oprg. Co. #3 F. File	Old Ripley	10	Benoist	880	880	12-11-81	
15	Clay 4-2N-5E	Dart Oil & Gas Corp. #1 Fatheree	Xenia	80	Devonian	4,526	4,700	2-24	
16	Clay 4-2N-6E	Humbolt Oil #2-4 Garrett-Gill Comm.	Flora S	140	Spar Mtn.	2,970	3,098	11-9	
17	Clay 4-2N-6E	Humbolt Oil, Inc. #3-4 Pickel-Brewer	Flora S	55/23	Salem	3,709	3,760	9-21	
18	Clay 5-2N-6E	Dart Oil & Gas Corp. #5-1 Levitt-McHenry Comm.	Flora S	125	Ullin	3,707	4,900	4-22	OWDD, was D&A, OTD 3102'
19	Clay 3-3N-8E	J. W. Rudy Co. #2 E. M. Herdes	Noble W	40/20	St. Louis	3,531	3,565	10-9-81	I.P. includes McClosky & Salem prod.
20	Clay 34-4N-5E	Dart Oil & Gas Corp. #1-34 Harrell et al. Comm.	Oskaloosa	2/50	Silurian	4,472	4,550	4-23	
21	Clay 1-4N-8E	Homco, Ltd. #2 Keller	Ingraham C	50	Ohara	3,020	3,064	12-13-81	
22	Crawford 36-8N-14W	Bond Oil Prod. #2 D. Purcell	Bellair	10	McClosky	1,448	1,513	4-6	Also extension to field.
23	Cumberland 27-11N-7E	Redhawk Explor. Corp. #1 Phillip Young	Mattoon S	23/12	Devonian	3,278	3,306	10-1	
24	Edwards 7-1N-14W	Greenline Oil Co. #2 Paul Schmidt	Parkersburg S	6	McClosky	3,109	3,868	4-13	
25	Edwards 8-1N-14W	Marks Explor. & Drilg. #1 Village of West Salem Unit	Parkersburg S	124	Ohara	3,044	3,740	8-24	
26	Edwards 31-1N-14W	William Terrell #1 Hering-Glover et al.	Bone Gap C	8	Salem	3,210	3,265	6-12	Also extension to field.
27	Edwards 6-1S-10E	Dwight Brehm Resources #1 Kissner	Massilon	5/10	Salem	3,916	4,125	1-19	
28	Edwards 5-2S-10E	Mid-America Petro. #1 Annis	Albion Cen	13/3	Spar Mtn.	3,432	4,260	1-12	
29	Edwards 5-2S-14W	Hocking Oil Co. #1 Ethel Fewkes	Browns S	12	Renault	2,921	3,143	3-23	
30	Edwards 8-2S-14W	Ram Oil Co. #1 Amy Shaw	Browns S	30	Spar Mtn.	3,044	3,152	9-7	
31	Effingham 9-6N-5E	Humbolt Oil #1-4 Tonn	Mason N	65	Salem	2,885	4,200	9-28	
32	Hamilton 30-4S-5E	Homco, Ltd. #1 Koeberlein	Dahlgren S	75/20	Ullin	4,275	4,366	9-24	
33	Jefferson 18-2S-1E	Merritt Kirkpatrick #1 Paul Smolley	Roaches N	12	St. Louis	2,425	2,425	7-28-81	Also extension to field.
34	Jefferson 3-2S-4E	Farmers Crude Prod. #1 Salem-Brookman	Oakdale N	106	St. Louis	3,042	3,512	10-5	
35	Jefferson 32-3S-2E	Black Hawk Resources #36X-32 Jefferson Oil & Gas	Waltonville	15/40	Borden	3,600	4,410	12-12-81	
36	Jefferson 21-3S-4E	Mid-America Petro. #1 Irwin	Belle Rive	170	Salem	3,845	3,878	9-7	
37	Macoupin 10-12N-7W	Pawnee Oil #1 Allison	Virden W	25	Silurian	1,410	1,500	6-19	
38	Marion 30-1N-3E	G.A.M. Oil #5 Pitts	Kell N	20	Spar Mtn.	2,423	2,828	8-31	
39	Marion 28-1N-4E	LiScor Enterprises #2 Wisniewski	Exchange E	20/80	Salem	3,320	4,644	11-14-81	Also extension to field. OWDD, was D&A, OTD 3465'.

Table 3. continued

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	New pay zone	Prod. depth (ft)	Total depth (ft)	Comple- tion date	Remarks
40	Marion 35-1N-4E	Raymac Petroleum #1 G. Halfacre	Hickory Hill	2/18	Salem	3,235	3,730	2-23	Also extension to field.
41	Marion 30-2N-4E	J & K Oil Prop. #1 Herschel Becker	Iuka S	10	St. Louis	2,887	3,276	3-30	
42	Marion 15-3N-4E	Edward C. Koch #1 McGee	Omega	5/100	Aux Vases	2,370	2,620	11-1-81	
43	Marion 15-3N-4E	Edward C. Koch #1 Claude Rose	Omega	80	Spar Mtn.	?	2,470	11-1-81	Also extension to field.
44	Marion 21-3N-4E	Shakespeare Oil Co. #3 Middleton	Omega	17	Renault	2,366	2,595	9-14	
45	Marion 36-4N-2E	R.L.R. Develop. #1 Mazenek	Alma	20	Aux Vases	?	2,210	11-12-81	I.P. includes Benoist prod.
46	Saline 15-8S-6E	Richard W. Beeson #1 Mc & H., Inc. Comm.	Eldorado W	15/25	Ohara	2,970	3,007	3-19	
47	Saline 15-8S-6E	J. D. Turner #1 Prather Comm.	Eldorado W	120/20	Spar Mtn.	3,007	3,100	8-3-81	Also extension to field.
48	Saline 24-8S-6E	Richard W. Beeson #1 Vulcan Materials	Eldorado W	10/10	McClosky	3,041	3,066	9-7	
49	Saline 24-8S-7E	R & N Assoc. #1 J. L. Kittinger	Eldorado E	10/5	Ohara	2,922	2,950	8-24	
50	Shelby 13-9N-5E	Harris & Rohlfing Oil Prod. #1 Antrim	Shumway	1/40	St. Louis	2,435	2,462	8-10	Also extension to field.
51	Wabash 33-2N-13W	Rocket Petr. #1 Perrott	Lancaster	30/30	Salem	3,290	3,450	4-18	
52	Wabash 36-2N-14W	Larmax Oil #1 Marie Trapp	Berryville C	260	St. Louis	2,964	3,712	4-27	
53	Wabash 35-1S-14W	Hocking Oil #1 Raber Heirs	Lexington	5/10	Dutch Creek	4,918	5,033	4-23	OWDD, was D&A, OTD 2999'.
54	Washington 19-2S-1W	Independent Energy Prod. #1 Bermreuter-Coulter Comm.	Pyramid	120	Trenton	?	4,342	7-18	
55	Wayne 20-1S-5E	Farmers Crude Prod. #1 Keen	Coil	11/100	Spar Mtn.	3,567	3,613	7-27	I.P. includes Salem prod.
56	Wayne 27-1S-5E	Farrar Oil #5 Roy Reed	Keenville	5/100	Devonian	5,013	5,050	3-31	
57	Wayne 28-1S-5E	George Mand & John Corso #2-A Tyler Comm.	Keenville	12/22	St. Louis	3,245	3,275	5-26	I.P. includes Spar Mtn. prod.
58	Wayne 6-1S-9E	Dwight Brehm Res. #1 Anniss	Locust Grove S	16/3	Aux Vases	3,161	3,385	6-22	Also extension to field.
59	Wayne 27-2S-6E	G & L Oil Prod. #1 O. B. Mayberry	Mayberry N	10/10	Salem	4,141	4,310	12-17-81	
60	White 13-4S-9E	Jim Haley Prod. #1 Pearson Heirs	Centerville E	12	Salem	4,010	5,467	5-27-80	OWDD, was D&A, OTD 3335'.
61	White 22-4S-9E	Dwight Brehm Resources #1 Lawrence Brown	Sumpter N	10	Ohara Spar Mtn.	3,278 3,298	3,420	5-4	Also extension to field.
62	White 11-4S-10E	Koontz Services #1 W. F. Lamont	Crossville	18/65	Salem	3,654	4,119	10-12-81	
63	White 24-4S-14W	Gene Michel #20 Hagedorn	Black River	36/54	Renault	2,824	3,225	8-7	
64	White 7-5S-9E	George N. Mitchell Drlg. #1 Prince-Moore	Trumbull C	3/3	St. Louis	3,606	3,650	11-10-81	

Table 4. Discovery wells of 71 extensions to fields in 1982.

County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Brown 31-1S-3W	Calhoun Research & Devel. #3 Crooks	Buckhorn E	120	Silurian	?	665	4-23	
Brown 32-1S-3W	Calhoun Research & Devel. #6 Sorrells	Buckhorn E	oil well	Silurian	640	640	8-15	
Brown 26-1S-4W	Jasper Oil Prod. #1 Helen Meyer	Buckhorn E	7/80	Silurian	681	681	7-14	
Brown 35-1S-4W	Midland Minerals #3 Hecox	Buckhorn E	20/7	Silurian	?	700	3-5	
Brown 5-2S-3W	Jasper Oil Prod. #1 Carl Mitchell	Buckhorn E	3	Silurian	662	662	7-15	
Brown 6-2S-3W	Jasper Oil Prod. #1 Lawrence Schenk	Buckhorn E	7	Silurian	625	625	6-1	
Clark 18-10N-13W	Larry Jack Hightshoe #2 William Roan	Martinaville	4/2	Pennsylvanian	?	700	7-25	
Clay 6-3N-8E	Shelby & Sylvia Britton #1 C. Hale	Clay City C	oil well	Salem	?	3,544	3-?-81	
Clay 18-4N-7E	F. Lowell Hagen #1 Clifton	Sailor Springs C	oil well	Aux Vases	?	3,490	10-15	
Clay 25-4N-7E	Cerald Noll #1 A. Noll	Sailor Springs C	18	Spar Mtn.	2,976	3,532	12-8-81	
Crawford 12-8N-13W	Quinn Energy #1 Warren Cuyer	Main C	20	Robinson	888	990	11-16	
Crawford 36-8N-14W	Bond Oil Prod. #2 D. Purcell	Bellair	10	McClosky	1,448	1,513	4-6	New pay in field.
Edwards 31-1N-14W	William Terrell #1 Hering-Clover et al.	Bone Cap C	8	Salem	3,210	3,265	6-12	New pay in field.
Edwards 20-1S-10E	Hocking Oil #1 Shilling et al. Unit	Bone Cap W	60	McClosky	3,383	3,383	11-9	
Fayette 11-5N-4E	Mark D. Hanks #1 A. Ricketts	Iola C	2/14	McClosky	2,495	2,624	9-30-80	OWWO, was D&A
Jasper 11-7N-9E	Joseph C. Bigard #1 Harry Brooks	Hidalgo S	15	McClosky	2,806	2,852	3-13	
Jasper 11-7N-9E	Rom-Oil #1 L. Romack	Hidalgo S	oil well	McClosky	2,868	2,902	12-31-81	
Jasper 18-7N-10E	Parrish Prod. #1 Rose Matson	Hidalgo S	15/20	McClosky	2,830	2,994	7-12	
Jasper 24-8N-9E	Crete Oil Invest. #1 Edward Schrey	Rose Hill	19/110	McClosky	2,698	2,825	7-20	
Jasper 36-8N-9E	Joseph C. Bigard #1 Jack Waddell	Rose Hill	10	McClosky	2,714	2,784	11-17-81	
Jasper 7-8N-10E	Mason Oil #1 Jean Carr	Hidalgo	oil well	McClosky	2,712	2,820	9-28	
Jasper 30-8N-10E	Knierim Oil Prod. #1-N Lloyd L. Coad	Hidalgo S	30	McClosky	?	2,750	10-20-81	
Jasper 34-8N-14W	Bond Oil Prod. #1 Fielder	Bellair	9	McClosky	1,594	1,651	4-13	
Jefferson 18-2S-1E	Merritt Kirkpatrick #1 Paul Smolley	Roaches N	12	St. Louis	2,425	2,425	7-28-81	New pay in field.
Lawrence 16-2N-12W	F. L. Beard #1 Anne Buchanan	Ruark	25	Pennsylvanian	1,458	2,802	8-16	
Lawrence 22-2N-13W	Marshall Lippert #1 Criggs	Lancaster	40	McClosky	2,753	3,385	6-15	
Macon 5-15N-1E	Pawnee Oil #1 Chapman	Blackland	4	Silurian	1,932	2,046	5-7	
Macon 19-15N-1E	John Carey Oil #1 Bafford	Blackland S	oil well	Silurian	2,054	2,081	10-26	

Table 4. continued

County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Macon 20-15N-1E	Pawnee Oil #1 Bliler	Blackland S	100	Silurian	2,072	2,072	10-4	
Macon 12-16N-1E	Pawnee Oil #1 Elwood	Harristown	6/1	Silurian	2,079	2,135	6-16	
Marion 20-1N-4E	Perry Fulk #1 R. Simmons	Exchange E	3	St. Louis	3,116	4,640	12-28-81	
Marion 28-1N-4E	LiScor Enterprises #2 Wisniewski	Exchange E	20/80	Salem	3,320	4,644	11-14-81	OWDD, was D&A, OTD 3465'. New pay in field.
Marion 30-1N-4E	Wiser Oil #1 R. Hawkins	Exchange	310	St. Louis	3,041	3,140	6-1	
Marion 35-1N-4E	Raymac Petr. #1 G. Halfacre	Hickory Hill	2/18	Salem	3,235	3,730	2-23	New pay in field.
Marion 21-2N-4E	Farmers Crude Prod. #1 Minnie Becker	Iuka S	30/80	McClosky	2,738	3,254	9-25	
Marion 31-2N-4E	Louis H. Kapp, Jr. #1 Molenhour	Exchange N C	115	Salem	3,189	3,215	5-28	
Marion 31-2N-4E	Merritt R. Hoyt #1 Walter Quandt	Iuka S	6/7	McClosky	2,695	3,252	10-18	
Marion 32-3N-3E	Richard W. Beeson #1 Donoho et al.	Brubaker	4/120	McClosky	2,393	3,900	8-18-81	
Marion 15-3N-4E	Edward C. Koch #1 Claude Rose	Omega	80	Spar Mtn.	?	2,470	11-1-81	New pay in field.
Marion 26-3N-4E	Louis H. Kapp, Jr. #1 Archie Beard	Omega	10/5	Salem	3,129	3,151	1-5	
Richland 2-2N-9E	Louis H. Kapp, Jr. #1 George Westall	Clay City C	12/20	Spar Mtn.	3,152	3,286	11-22	
Richland 1-3N-9E	Monrae Oil & Gas #1 Pflaum	Clay City C	17	Spar Mtn.	3,019	3,058	2-9	
Richland 2-3N-9E	Monrae Oil & Gas #1 Weesner	Clay City C	23/35	Spar Mtn.	2,997	3,562	2-9	
Richland 7-4N-14W	Pawnee Oil #1 Graves	Stringtown	62/5	McClosky	3,082	3,135	7-5	
Richland 7-4N-14W	Ring Oil #1 M. Graves	Stringtown E	25	Spar Mtn.	3,098	3,714	6-15	
Richland 8-4N-14W	Smith Operating #1 Wirth et al.	Stringtown E	6	Spar Mtn.	3,114	3,130	11-23	
Richland 22-4N-14W	Absher Oil #1 Ray Crum	Amity W	3/1	Spar Mtn.	3,046	3,145	7-3-81	
St. Clair 34-3S-6W	Resource Consult. #1 Sidney et al.	Tilden N	20/20	Devonian	1,947	2,023	8-19	
Saline 15-8S-6E	J. D. Turner #1 Prather Comm.	Eldorado W	120/20	Spar Mtn.	3,007	3,100	8-3-81	New pay in field.
Sangamon 9-13N-5W	John Carey Oil #1 Chance	Divernon	40/80	Silurian	1,638	1,638	3-31	
Sangamon 20-16N-3W	John Carey Oil #1 Pfeiffer	Dawson	40/40	Silurian	?	1,716	7-22	
Shelby 13-9N-5E	Harris & Rohlfing Oil Prod. #1 Antrim	Shumway	1/40	St. Louis	2,435	2,462	8-10	New pay in field.
Wabash 1-1N-14W	Spindletop Oil & Gas #1 Sidney Clodfelter	Lancaster Cen	55	St. Louis	2,986	3,670	3-23	
Wabash 36-1N-14W	RK Petr. #1 Norman Tennes	Gards Point C	160/30	Salem	3,531	3,575	12-15-81	
Wabash 1-1S-14W	Viking Oil #1 Aldridge-Tennes Unit	New Harmony C	45/5	Aux Vases	2,789	3,599	8-17	
Wabash 36-2S-14W	Victor R. Gallagher #1-A Kurtz	New Harmony C	10/12	Spar Mtn.	2,852	2,950	6-1	



Table 4. continued

County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Washington 33-3S-2W	Shakespeare Oil #2 Bonczyk	Posen S	4/13	Benoist	1,290	1,290	10-15	
Wayne 17-1N-9E	Amosoil #1 Fout et al. Comm.	Mt. Erie N	110/6	McClosky	3,302	3,360	6-8	
Wayne 24-1N-9E	Bufay Oil #1 Charles French et al.	Maple Grove C	12	Spar Mtn.	3,258	3,375	12-9-81	
Wayne 6-1S-9E	Dwight Brehm Resources #1 Annis	Locust Grove S	16/3	Aux Vases	3,161	3,385	6-22	New pay in field.
Wayne 13-1S-9E	Greenline Oil #1 Edna Reid	Massilon S	22	Ohara	3,326	3,419	7-20	
Wayne 24-2S-6E	Ashland Explor. #1 R. D. Seidel	Clay City C	7/154	Ohara	3,298	4,250	12-14	
Wayne 36-2S-9E	Modern Explor. #4-A Jones	Goldengate C	10/100	McClosky	3,400	4,350	8-20	
Wayne 16-3S-8E	Rogmor #1 Collins	Barnhill	53/8	Spar Mtn.	3,488	3,513	10-8-81	
Wayne 18-3S-9E	Ashland Explor. #1 Kieser-Koontz Unit	Goldengate C	60	Spar Mtn.	3,400	4,337	1-8	
White 24-3S-8E	Ashland Explor. #1-A Whetstone	Goldengate C	7	Spar Mtn.	3,455	3,600	1-2	
White 16-4S-8E	Melvin L. Clark #1-A Doyle South	Springerton	20	Aux Vases	3,394	3,520	9-28	
White 14-4S-9E	Jim Haley Prod. #1 Paul Schumaker	Centerville E	88	Ohara	3,304	4,203	5-14	
White 22-4S-9E	Dwight Brehm Resources #1 Lawrence Brown	Sumpter N	10	Ohara Spar Mtn.	3,298	3,420	5-4	New pays in field.
White 15-5S-8E	Donahue Oil #1 Garrett et al.	Enfield N	130	Aux Vases	3,350	3,482	6-1	
White 17-5S-9E	Mitchell & Assoc. #1 Renshaw-Dean Comm.	Trumbull C	20	Cypress	2,938	3,427	10-5	



Table 5. Selected unsuccessful deep tests in 1982.

County and location	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Completion date
Cumberland 33-9N-10E	Mason Oil 1 Ray Swick	Wildcat far*	Trenton	?	4,810	11-30
Hamilton 30-3S-7E	S. A. Zanetis 1 Flannigan	Aden South	Devonian	5,058	5,461	12-19-81
Jefferson 23-4S-2E	Black Hawk Resources 15-23 Jefferson O & G	Ina	Devonian	4,450	4,630	2-2
Perry 24-4S-1W	Texaco 1 Adam Radake	Wildcat near**	Potosi	7,970	8,105	5-7
Washington 36-1N-2W	Christie-Stewart Drlg. 1 Twenhafel	Wildcat far	Trenton	4,045	4,764	9-14-81
White 24-6S-9E	Jim Haley Prod. 1 Roy Schmitzer	Storms Consolidated	Devonian	?	5,260	8-30-81

\*Drilled more than 1½ miles from production.

\*\*Drilled ½ to 1½ miles from production.

Table 6. Underground storage facilities for liquefied petroleum gases in Illinois, January 1, 1983.

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bbl)	Product
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000	Propane
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire	150,000	Ethane
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale	304	Maquoketa	250,000	Propane
		Mined shale	358	Maquoketa		Butane
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000	Propane
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa	260,000	Propane
Shell Oil Co.	Wood River, Madison County	Mined limestone	430	Valmeyeran (Mississippian)	500,000	Butane
	Wood River, Madison County	Mined limestone			232,000	Propane
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	190,000	Propane
	Wood River, Madison County	Mined limestone			50,000	Propylene
U.S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined limestone and siltstone	350	Pennsylvanian	170,000	Propane
	Tuscola, Douglas County				800,000	Propane
Warren Petroleum Corp.	Crossville, White County	Mined shale	--	Pennsylvanian	52,000	LP gas
TOTAL					3,174,000	

Table 7. Active underground natural gas storage

Project	Company	County Township Range	Operational data (initial)			Number of wells			Geologic data			
			Devel- opment	Stor- age	With- drawal	Oper- ating	Obser- vation	Other	Stratigraphic unit	Lithol- ogy	Trap	Native fluid
Ancona	Northern Illinois Gas Co.	La Salle & Liv- ingston	1961	1963	1965	112	33	—	Mt. Simon	sand	anti- cline	water
Ashmore	Central Illinois Public Service	29, 30N-2, 3E Coles & Clark	1960	1963	1963	50	5	—	Spoon	sand	dome	gas
Brocton	URS	12N-10, 11E, 14 Douglas & Edgar (potential air storage)				0	5	—	Salem Lingle Grand Tower	lime lime dolo- mite	dome	water
Centralia East	Illinois Power Co.	14, 15N-13, 14W 10, 11E Marion	1960	1964	1966	17	4	—	Pennsylvanian	sand	strati- graphic lens	gas
Cooks Mills	Natural Gas Pipe- line Co.	1N-1E Coles & Douglas 14N-7, 8E	1956	1959	1959	24	9	—	Cypress Spar Mountain ("Rosiclare") Hardinsburg	sand		gas
Corinth	Central Illinois Public Service	Williamson 8S-4E	1972	1972	1972	4	—	—	Hardinsburg	sand	—	gas
Crab Orchard	Central Illinois Public Service	Williamson 9S-4E	1972	1972	1972				Hardinsburg	sand	—	gas
Crescent City St. P.	Northern Illinois Gas Co.	Iroquois 26, 27N-13W	1959	1967	(operations temporarily ceased)				St. Peter	sand	anti- cline	water
Crescent City Mt. S.			(in exploration)			4	9	—	Mt. Simon	sand	dome	water
Eden South	Illinois Power Co.	Randolph 5S-5W	1970	1971	1971	12	2	—	Cypress	sand	strati- graphic drape	gas
Elbridge	Midwestern Gas Transmission Co.	Edgar 12, 13N-11W	1961	1965	1966	12	7	—	Grand Tower	lime	over reef	water
Freeburg	Illinois Power Co.	St. Clair 1, 2S-7W	1958	1959	1959	87	3	—	Cypress	sand	strati- graphic	gas
Gillespie- Benld	Illinois Power Co.	Macoupin 8N-6W	1958	1958	1959	7	0	—	Pennsylvanian	sand	strati- graphic	gas
Glasford	Central Illinois Light Co.	Peoria 7N-6E	1960	1964	1964	33	14	—	Niagaran	dolo- mite	dome	water
Herscher Gvl.	Natural Gas Pipe- line Co.	Kankakee 30N-10E	1952	1953	1953	60	148	24	Galesville	sand	anti- cline	water
Herscher Mt. S.			1957	1957	1958	55	18	—	Mt. Simon		anti- cline	water
Herscher- Northwest	Natural Gas Pipe- line Co.	Kankakee 30, 31N-9E	1968	1969	1970	20	15	1	Mt. Simon	sand	anti- cline	water
Hillsboro	Illinois Power Co.	Montgomery 9, 10N-3W	1972	1974	1975	4	7	—	St. Peter	sand	dome	water
Hookdale	Illinois Power Co.	Bond 4N-2W	1962	1963	1963	10	4	—	Yankeetown ("Benoist")	sand	strati- graphic & structural	gas
Hudson	Northern Illinois Gas Co.	McLean 24, 25N-2, 3E	1970	1971	1971	32	8	1	Mt. Simon	sand	dome	water
Hume	URS	Edgar 16N-13, 14W			(potential air storage)	0	9	—	Lingle Grand Tower	lime dolomite	dome	water
Lake Bloomington	Northern Illinois Gas Co.	McLean 25, 26N-2, 3E	1971	1971	1972	35	16	1	Mt. Simon	sand	anti- cline	water
Lexington	Northern Illinois Gas Co.	McLean 25N-3, 4E	1971	1971	1972	32	12	1	Mt. Simon	sand	dome	water
Lincoln	Central Illinois Light Co.	Logan 19N-3W	1971	1974	1974	20	14	—	Silurian	dolo- mite	dome	water
Loudon	Natural Gas Pipe- line Co.	Fayette 7, 8, 9N-3E	1967	1967	1969	66	84	—	Grand Tower	lime	anti- cline	oil
Manlove	Peoples Gas Light & Coke Co.	Champaign 21N-7E	1960	1964	1966	139	12	—	Mt. Simon	sand	anti- cline	water
Media Gvl.	Mid-Continent Gas Storage Co.	Henderson 9N-4, 5W			(testing)				Galesville	sand	dome	water
Media Mt. S.					(testing)	3	13	—	Mt. Simon	sand	dome	water
Mills & Edwards	Egyptian Gas Stor- age Co.	Gallatin 7S-9E	1974	1975	1975	2	1	—	Tar Springs	sand	lens	gas
Nevins	Egyptian Gas Stor- age Co.	Gallatin 8S-8E	1974	1975	1975	1	0	—	Palestine	sand	lens	gas
Pecatonica	Midwestern Gas Transmission Co.	Edgar 12, 13N-11W	1961	1965	1966	13	8	—	Grand Tower	lime	drape over reef	water
Pontiac Gvl.	Northern Illinois Gas Co.	Winnebago 27N-10E	1967	1969	1970	14	15	—	Eau Claire	sand	dome	water
Pontiac	Northern Illinois Gas Co.	Livingston 27, 28N-6E	1975	1976	1977	10	6	0	Galesville	sand	dome	water
Pontiac Mt. S.	Northern Illinois Gas Co.	Livingston 27, 28N-6E	1966	1968	1969	43	7	1	Mt. Simon	sand	dome	water
Richwoods	Gas Utilities Co.	Crawford 6N-11W	1966	1966	1966	4	2	—	Pennsylvanian	sand	—	gas
St. Jacob	Mississippi River Transmission Corp.	Madison 3N-6W	1963	1963	1965	10	3	1	St. Peter	sand	dome	water
Sciota	Central Illinois Public Service	McDonough 6, 7N-3, 4W	1974	1975	1975	12	9	—	Mt. Simon	sand	dome	water
Shanghai	Illinois Power Co.	Warren & Mercer 12, 13N-1W	1970	1971	1971	9	10	—	Galesville	sand	dome	water
State Line	Midwestern Gas Transmission Co.	Clark, Ill., & Vigo, Ind. 12N-10W	1961	1963	1964	9	6	—	Grand Tower	lime	drape over reef	water
Tilden	Illinois Power Co.	St. Clair & Washington 3S-5, 6W	1957	1961	1961	45	14	—	Cypress	sand	strati- graphic	gas
Troy Grove	Northern Illinois Gas Co.	La Salle 34, 35N-1E	1957	1958	1959	96	31	—	Eau Claire Mt. Simon	sand	dome	water
Tuscola	Panhandle Eastern Pipeline Co.	Douglas & Champaign 16, 17N-8E				13	11	1	Mt. Simon	sand	dome	water
Waverly	Panhandle Eastern Pipeline Co.	Morgan 13N-8W	1952	1954	1962	59	27	22	St. Peter	sand	dome	water
Waverly Gvl.	Panhandle Eastern Pipeline Co.	Morgan 13N-8W	1969	1969	1970				Galesville	sand	dome	water

projects in Illinois – unrevised since January 1, 1982

Reservoir data						Capacities (MMcf)*			Withdrawals (MMcf)			
Area in acres		Depth (feet)	Thickness or closure (feet)	Average porosity (%)	Average permeability (millidarcys)	Potential working and cushion	Dec. 31, 1981		Max. vol. in storage 1981 (MMcf)	1981 Peak daily	1981 Total	Project
Storage	Closure						Working	Cushion				
—	12,840	2,154	290	12.3	114	170,000 <sup>†</sup>	52,843 <sup>†</sup>	100,313 <sup>†</sup>	167,188 <sup>†</sup>	732	42,670 <sup>†</sup>	Ancona
—	1,600	400	4–80	15.0	up to 3,000	3,564	1,536	1,991	3,548	26	392	Ashmore
—	32,000	672	220	12.2	—	70,000	—	—	—	—	—	Brocton
463	—	812	49	18.2	200	660	202	416	618	14	104	Centralia East
—	1,500	1,600	40	16.0	67	5,200	3,515	1,567	5,082	70	1,343	Cooks Mills
20	—	2,125	28	—	—	489	337	139	466	3	81	Corinth
20	—	2,200	19	—	—	—	—	—	—	—	—	Crab Orchard
—	16,725	1,200	150	14.5	138	50,000	—	—	—	—	—	Crescent City St. P.
—	—	—	—	—	—	100,000	—	—	—	—	—	Crescent City Mt. S.
—	1,000	875	18	20.6	168	1,410	541	868	1,410	6	148	Eden South
—	1,691	1,925	145	17.5	18	7,490	1,079	6,295	7,475	30	144	Elbridge
4,222	—	350	47	21.5	216	7,159	2,347	4,636	7,159	36	699	Freeburg
113	—	510	28	16.0	326	150	31	116	149	4	25	Gillespie- Benld
—	3,200	800	120	12.0	426	12,586	6,292	6,293	12,585	93	597	Glasford
6,750	8,000	1,750	100	18.0	467	54,700	11,744	23,283	38,084	775	14,439	Herscher Gvl.
7,500	8,000	2,450	80	12.0	185	67,000	32,269	32,504	67,307	153	10,307	Herscher Mt. S.
—	3,000	2,200	58	15.0	82	18,500	6,776	10,716	17,813	35	1,850	Herscher- Northwest
4,000	—	3,150	100	16.0	250	10,161	4,221	5,912	10,160	41	601	Hillsboro
414	—	1,125	28	20.3	458	1,096	619	285	954	31	213	Hookdale
—	13,200	3,800	160	11.0	45	100,000 <sup>†</sup>	6,463 <sup>†</sup>	26,291 <sup>†</sup>	35,055 <sup>†</sup>	148	0	Hudson
—	6,500	670	136	12.4	—	4,000	—	—	—	—	—	Hume
—	10,600	3,525	97	11.0	45	45,000 <sup>†</sup>	12,090 <sup>†</sup>	33,839 <sup>†</sup>	48,342 <sup>†</sup>	99	7,833 <sup>†</sup>	Lake Bloomington
—	14,300	3,800	100	10.7	37	100,000 <sup>†</sup>	7,914 <sup>†</sup>	31,309 <sup>†</sup>	41,746 <sup>†</sup>	101	5,492 <sup>†</sup>	Lexington
—	3,000	1,300	85	12.0	250	12,174	1,765	6,696	10,129	51	1,684	Lincoln
2,610	—	3,050	65	15.0	—	75,000	30,563	37,564	75,377	362	20,530	Loudon
—	13,370	3,950	116	11.0	15	200,000	39,500	86,932	132,649	721	21,324	Manlove
—	4,700	2,100	100	17.2	448	62,000	0	0	0	0	0	Media Gvl.
—	3,500	2,500	100	14.3	152	50,000	0	0	0	0	0	Media Mt. S.
—	224	2,302	18	—	—	747	90	70	160	1	18	Mills
—	142	1,825	30	—	—	245	68	77	145	1	14	Edwards
—	1,650	1,975	105	16.5	25	7,220	1,501	5,685	7,210	32	1,013	Nevins
—	2,600	800	38	18.6	556	3,500 <sup>†</sup>	896 <sup>†</sup>	1,956 <sup>†</sup>	3,180 <sup>†</sup>	34	992 <sup>†</sup>	Pecatonica
—	—	2,425	100	18.0	704	50,000 <sup>†</sup>	0 <sup>†</sup>	4,626 <sup>†</sup>	5,050 <sup>†</sup>	87	0	Pontiac Gvl.
3,500	—	3,000	100	10.0	25	45,000 <sup>†</sup>	12,685 <sup>†</sup>	25,345 <sup>†</sup>	42,242 <sup>†</sup>	179	13,165 <sup>†</sup>	Pontiac Mt. S.
—	—	700	—	—	—	110	40	80	110	0	8	Richwoods
550	650	2,860	100	14.0	400+	3,565	555	2,840	3,395	21	792	St. Jacob
—	2,500	2,600	70	12.0	39	5,000	1,345	2,533	3,877	19	340	Sciota
—	1,850	2,000	95	15.2	246	11,606	5,411	6,007	11,601	70	848	Shanghai
—	496	1,860	91	17.3	47	5,006	1,068	3,920	5,002	0	0	State Line
1,287	—	800	33	20.8	183	3,090	901	1,820	3,016	52	697	Tilden
—	9,600	1,420	100	17.0	150	80,000 <sup>†</sup>	30,412 <sup>†</sup>	33,982 <sup>†</sup>	75,515 <sup>†</sup>	829	36,973 <sup>†</sup>	Troy Grove
—	—	4,000	—	—	—	15,000	1,420	9,011	11,125	25	1,646	Tuscola
1,500	7,000	1,800	115	18.0	1,220	55,000	6,466	40,671	51,105	220	10,740	Waverly St. P.
—	—	3,500	68	—	—	—	—	—	—	—	—	Waverly Gvl.

\*Million cubic feet. † 1977 data.

Table 8. Illinois oil field statistics, 1982.

Explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of oil discovery.
Age:	PC, Precambrian; CAM, Cambrian; ORD, Ordovician; SHK, Shakopee; STP, St. Peter; TRN, Trenton; SIL, Silurian; DEV, Devonian; DVS, Devonian-Silurian; MIS, Mississippian; PEN, Pennsylvanian.
Kind of rock in pay zones:	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure:	A, anticline; C, accumulation due to change in character of rock; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; N, nose; R, reef; T, terrace; U, unconformity. Combinations of the letters are used when more than one factor applies.
+	Field listed in Table 9 (gas production).
††	Illinois portion only.
#	Acreage is included in the immediately preceding figure.
X	Correct entry not determinable.

Table 8. Illinois oil field statistics, 1982.

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (+ SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR OF OISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST ZONE (FT)
	NAME	AGE			OEP- TH (FT)	OUR- ING 1982	TO ENO OF 1982	COMP- LEYED TO ENO OF 1982	CO- MPL- EYED IN 1982	AB- ANO- ONEO 1982	PROO- UCING ENO OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	
A8 LAKE, GALLATIN, 8S, 10E																
			1947	80	2.5	135.1	10	0	0	3				M	MIS	2953
	PENNSYLVANIAN		805 1957	40			4	0	0		35	S	10	M		
	PALESTINE, MIS		1835 1954	10			1	0	0		36	S	5	MF		
	WALYERSBURG, MIS		2000 1957	40			3	0	0		37	S	10	M		
	RENAULT, MIS		2735	20			2	0	0		35	L	3	MF		
	AUX VASES, MIS		2770	10			1	0	0		35	S	9	MF		
A3 LAKE SOUTH, GALLATIN, 9S, 10E																
	AUX VASES, MIS		2798 1959	10	0.0	3.8	1	0	0	0	36	S	6	M	MIS	2932
				A80 1963												
*A8 LAKE WEST, GALLATIN, 8-9S, 9-10E																
			1950	460	2.7	548.2	35	0	0	17				M	MIS	4077
	PENNSYLVANIAN		725 1954	50			3	0	0		35	S	10	ML		
	WALTERSBURG, MIS		2020 1956	300			19	0	0		37	S	20	ML		
	TAR SPRINGS, MIS		2075 1958	30			2	0	0		38	S	10	ML		
	CYPRESS, MIS		2425 1954	10			1	0	0		36	S	9	ML		
	AUX VASES, MIS		2735	180			13	0	0		36	S	6	ML		
	MCCLOSKEY, MIS		2830	20			2	0	0		38	L	2	MC		
*A0EN C, WAYNE, HAMILTON, 2-3S, 7E																
			1938	2460	25.7	13577.2	133	5	0	58				A	DEV	5450
	AUX VASES, MIS		3200 1938	1590			65	1	0		39	S	10	A		
	OHARA, MIS		3290 1943	2080			10	0	0		35	L	7	A		
	SPAR MTN, MIS		3320 1943	#			6	0	0		35	LS	5	AC		
	MCCLOSKEY, MIS		3350 1938	#			83	4	0		35	L	4	A		
	SALEM, MIS		3735 1948	70			10	1	0		36	L	16	AC		
	ULLIN, MIS		4132 1959	60			5	1	0		39	L	16	AC		
	LINGLE, OEV		5182 1968	10			1	0	0			S	10			
	OUTCH CREEK, OEV		5318 1959	30			3	0	0		40	S	10	A		
A0EN EAST, WAYNE, 2S, 7E																
	MCCLOSKEY, MIS		3434 1961	10	0.0	0.0	1	0	0	0	39	OL	6		MIS	3552
				A80 1961												
*A0EN SOUTH, HAMILTON, 3S, 7E																
			1945	380	1.6	861.3	30	1	1	8				A	DEV	5462
	AUX VASES, MIS		3245 1946	170			9	0	0		39	S	8	AL		
	OHARA, MIS		3310	380			3	0	0		37	L	7	AC		
	SPAR MTN, MIS		3330	#			3	0	0		37	LS	3	AC		
	MCCLOSKEY, MIS		3395 1945	#			13	1	1		38	L	9	AC		
*AKIN, FRANKLIN, 6S, 4E																
			1942	770	4.6	2463.5	60	0	0	11				A	MIS	4300
	CYPRESS, MIS		2840 1942	220			14	0	0		35	0.14	S	10	AL	
	AUX VASES, MIS		3100	530			41	0	0		37	0.12	S	22	AL	
	OHARA, MIS		3100 1956	70			4	0	0		39	L	18	AC		
	MCCLOSKEY, MIS		3270 1943	#			1	0	0		38	L	9	AC		
AKIN WEST, FRANKLIN, 6S, 4E																
			1948	120	4.5	259.4	9	0	0	6				A	DEV	5185
	CYPRESS, MIS		2715 1950	30			2	0	0		35	S	8	AL		
	OHARA, MIS		3050 1948	70			2	0	0		37	L	10	AC		
	SPAR MTN, MIS		3080 1948	#			1	0	0			L	12	AC		
	MCCLOSKEY, MIS		3130	#			3	0	0		39	L	4	AC		
	SALEM, MIS		3663 1962	10			1	0	0		38	L	10			
	ULLIN, MIS		3994 1962	20			2	0	0		37	L	10			
ALBION CEN, EDWARDS, 2S, 10E																
			1955	140	0.1	136.1	8	1	0	2					MIS	4260
	OHARA, MIS		3350 1955	140			7	0	0		37	L	5			
	SPAR MTN, MIS		3427 1982	#			1	1	0			S	5			
	MCCLOSKEY, MIS		3395	#			1	0	0			L	4			
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W																
			1940	6050	311.6	31015.0	545	25	3	213				AM	DEV	5185
	MANSFIELD, PEN		1650	1790			7	0	0		28	S	5	MF		
	BRIEGPORT, PEN		1900	#			30	0	0		29	0.16	S	15	MF	
	BIEHL, PEN		2000 1944	#			163	3	0		37	0.16	S	15	MF	
	DEGONIA, MIS		2125	10			2	0	0		35	S	9	MF		
	WALTERSBURG, MIS		2365 1949	690			67	0	1		36	S	16	AL		
	TAR SPRINGS, MIS		2460 1944	150			11	0	0		37	S	5	AL		
	HARROINSBURG, MIS		2635	70			5	0	0		36	S	10	A		
	CYPRESS, MIS		2860	540			48	2	0		37	S	15	A		
	BETHEL, MIS		2960	970			61	1	1		36	S	14	AF		
(CONTINUED ON NEXT PAGE)																



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR	AREA	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
						COMP-	CO-	A8-	PRDD-							
				PRD- IN	TO ING	TO END OF	LETED IN	MPL- DNE	AND- END OF	UCING YEAR	SUL- FUR ENT	KIND OF ROCK	TMI- CKN	STR- UCT- URE	ZONE	DEP- TH (FT)
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W																
(CONTINUED FROM PREVIOUS PAGE)																
BENOIST, MIS	3000		320				27	7	0		34	S	13	AF		
RENAULT, MIS	2988	1980	20				2	1	0			S	8			
AUX VASES, MIS	3045	1942	1870				131	3	0		37	S	18	AF		
DHARA, MIS	3110	1943	2070				17	1	0		40	L	5	AC		
SPAR MTN, MIS	3130		#				12	3	0		38	L	10	AC		
MCCLOSKEY, MIS	3200	1940	#				110	6	1		37	L	12	AC		
SALEM, MIS	3596	1980	20				2	0	0			L	3			
ULLIN, MIS	3968	1980	20				2	0	0			L	10			
*ALBION EAST, EDWARDS, 2S, 14W																
	1943		1380	75.0	2496.6	115	4	0		71				A	MIS	3800
CYPRESS, MIS	2800		300			25	0	0			32	S	7	A		
BETHEL, MIS	2920		170			11	0	0			38	S	6	AL		
BENOIST, MIS	2925		160			21	0	0			38	S	10	AC		
RENAULT, MIS	3001	1980	50			3	1	0				S	8			
AUX VASES, MIS	3020		340			25	0	0			34	S	17	AL		
DHARA, MIS	3100	1943	330			16	0	0			33	L	7	A		
SPAR MTN, MIS	3125	1947	#			24	1	0				L	7	A		
MCCLOSKEY, MIS	3155		#			21	2	0				L	7	A		
ALBION NORTHWEST, EDWARDS, 1S, 10E																
MCCLOSKEY, MIS	3300	1967	30	3.8	43.0	3	0	0		2		L	6		MIS	3433
ALBION WEST, EDWARDS, 3S, 10E																
	1953		40	1.1	15.0	3	0	0		2					MIS	3762
DHARA, MIS	3230	1976	40			2	0	0				L	3			
MCCLOSKEY, MIS	3375	1953	#			1	0	0				L	5			
ADD 1953, REV 1976																
*ALLENDALE, WABASH, LAWRENCE, 1-2N, 11-13W																
	1912		10180	227.0	24119.5	1212	4	4		374				AM	DRD	5143
PLEASANTVIEW, PEN	660		6670			0	0	0				S	30	AM		
BRIDGEPORT, PEN	1070		#			0	0	0				S	12	AM		
BUCHANAN, PEN	1290		#			0	0	0				S	15	AM		
BIEHL, PEN	1450		#			739	0	1			33	S	20	AM		
JORDAN, PEN	1490		#			28	0	0				S	10	AM		
WALTERSBURG, MIS	1540		380			33	1	1			31	S	15	AM		
TAR SPRINGS, MIS	1600		260			25	0	0			30	S	20	AM		
HARDINSBURG, MIS	1780		10			2	0	0			34	S	10	AM		
CYPRESS, MIS	1920		1860			91	0	4			34	S	10	AM		
SAMPLE, MIS	1769		1330			12	0	0			35	S	X	AM		
BETHEL, MIS	2010		#			10	2	0			35	S	10	AM		
AUX VASES, MIS	2280		180			14	0	0			37	S	12	AM		
DHARA, MIS	2300		1220			24	0	0				L	10	AM		
SPAR MTN, MIS	2330		#			15	0	0				LS	5	AM		
MCCLOSKEY, MIS	2300		#			38	1	0			36	L	8	AM		
ST LOUIS, MIS	2275	1967	30			3	0	0			39	L	15			
SALEM, MIS	2774	1966	100			8	0	0			39	L	10			
ULLIN, MIS	2806	1966	40			3	0	0			39	L	12			
ALMA, MARION, 4N, 2E																
	1941		110	2.2	85.5	9	3	0		3				A	DEV	3672
CYPRESS, MIS	1805		10			1	0	0			35	S	7	AL		
BENOIST, MIS	1945	1942	80			8	2	0			36	S	9	AL		
AUX VASES, MIS	2065	1982	30			2	2	0				S	3			
SPAR MTN, MIS	2085	1941	40			2	0	0			36	0.26	L	10	AC	
ADD, REV 1982																
AMITY, RICHLAND, 4N, 14W																
	1942		70	1.7	62.1	5	0	0		2					MIS	3873
AUX VASES, MIS	3060	1977	10			1	0	0				S	10			
MCCLOSKEY, MIS	2960	1942	70			5	0	0			36	OL	5	MC		
AMITY S, RICHLAND, 4N, 14W																
	1953		310	18.8	145.1	20	3	0		16					MIS	3071
SPAR MTN, MIS	2890	1953	310			20	3	0			38	L	4			
MCCLOSKEY, MIS	2905	1981	#			1	0	0				L	3			
ADD 1953, REV 1979																
AMITY W, RICHLAND, 4N, 14W																
	1953		40	0.0	0.0	3	1	0		2					MIS	3145
AUX VASES, MIS	2925	1953	10			1	0	0			38	S	12			
SPAR MTN, MIS	2953	1981	30			2	1	0				S	5			
ADD 1954, REV 1931																
*ASHLEY, WASHINGTON, 2S, 1W																
(CONTINUED ON NEXT PAGE)																



Table 8. *continued*

POOL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	TEAR OF DISC- (FT) OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE	OEEPEST TEST			
				OUR- ING 1982	TO END OF 1982	COMP- LETED TO 1982	CO- ETED 1982	AB- AND- 1982	PROO- UCING END OF 1982	SUL- FUR PERC- ENT	KINO OF ROCK			THI- CN- ESS	STR- UCT- URE	
																NAME AND AGE
(CONTINUED FROM PREVIOUS PAGE)																
*ASHLEY, WASHINGTON, 2S, 1W	BENOIST, MIS	1430 1953	210	6.5	511.7	15	0	0	13	30	S	7	DEV	3116		
*ASHLEY E, WASHINGTON, 2S, 1W	BENOIST, MIS	1636 1969	60	0.7	65.5	5	0	0	5		S	6	MIS	2030		
ASHMORE E, COLES, 13N, 14W	PENNSYLVANIAN	415 1956	60 ABO 1957, REV 1962	0.1	0.7	6	0	0	4	30	S	14	DEV	1228		
ASHMORE S +, COLES, CLARK, 12N, 10-11E, 14W		1958	350	1.1	55.4	25	1	0	18					TRN	2260	
	UNNAMED, PEN	420 1958	350			24	1	0	24		S	X	AL			
	MISSISSIPPIAN	475 1963	20			1	0	0	38		L	17				
ASSUMPTION CEN, CHRISTIAN, 13N, 1E	DEVONIAN	2433 1961	10 ABO 1961	0.0	0.0	1	0	0	0	38	L	4	SIL	2566		
*ASSUMPTION C, CHRISTIAN, 13-14N, 1E		1948	2540	77.3	10583.8	195	3	0	62				A	ORO	3070	
	BENOIST, MIS	1050 1949	590			47	0	0	36		S	13	A			
	SPAR MTN, MIS	1170 1949	220			17	0	0	40		S	4	AL			
	LINGLE, DEV	2300 1948	2380			133	3	0	38		L	8	A			
ASSUMPTION S, CHRISTIAN, 12N, 1E	LINGLE, DEV	2630 1951	50	0.5	25.0	3	0	0	1	39	L	15	SIL	2800		
AVA-CAMPBELL HILL +, JACKSON, 7S, 3-4W	CYPRESS, MIS	780 1916	140 ABO 1943, REV 1956, ABO 1957	0.0	25.0	16	0	0	0	36	S	18	A	TRN	3532	
BALDWIN, RANDOLPH, 4S, 6W	SILURIAN	1535 1954	30	1.4	13.6	3	0	0	1	32	L	X	R	TRN	2234	
BANNISTER, MARION, 2N, 3E	AUX VASES, MIS	2570 1973	10 ABO 1973, REV 1982	14.4	23.0	1	0	0	0		S	5	DEV	4226		
*BARNHILL, WAYNE, WHITE, 2-3S, 8-9E		1939	2520	172.1	6622.0	224	21	2	106					DEV	5530	
	AUX VASES, MIS	3325 1943	1170			95	5	0	39		S	15	AL			
	CHARA, MIS	3370	1470			14	4	0			OL	6	AC			
	SPAR MTN, MIS	3400	#			18	2	0			LS	9	AC			
	MCCLOSKEY, MIS	3450 1939	#			83	3	1	38	0.17	OL	15	AC			
	ST LOUIS, MIS	3520	20			3	2	0	38		L	7	AC			
	SALEM, MIS	3795	520			29	10	1	39		L	8	AC			
*BARTELSON, CLINTON, 1-2N, 3W		1936	620	29.6	4289.4	116	0	1	47				0	STP	4212	
	CARLYLE(CYP), MIS	985 1936	420			76	0	0		36	0.20	S	15	0		
	SILURIAN	2420 1939	430			41	0	1	42	0.27	L	12	R			
*BARTELSON E, CLINTON, 1N, 3W	SILURIAN	2550 1950	210	8.0	972.0	21	0	0	16	42	L	7	R	SIL	2788	
BARTELSON S, CLINTON, 1N, 3W	DEVONIAN	2475 1942	60 ABO 1962	0.0	23.7	3	0	0	0	40	0.15	L	3	A	DEV	2652
BARTELSON W, CLINTON, 1N, 3-4W		1945	290	1.2	106.2	22	0	0	11					SIL	2600	
	CYPRESS, MIS	960 1945	290			19	0	0	36		S	15	A			
	SILURIAN	2439 1961	10			1	0	0	40		L	7	A			
*BAUCOUP, WASHINGTON, 2S, 2W		1951	280	1.5	386.3	14	0	0	10				A	TRN	4192	
(CONTINUED ON NEXT PAGE)																

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR	AREA	PRODUCTION		NUMBER OF WELLS				CHARACTER		PAY ZONE				OEEPEST TEST	
				P20- VEO IN ACRES	DUR- ING 1982	TO END OF 1982	COMP- LETE TO ENO OF 1982	CO- MPL- IN 1982	AB- ANO- ONE 1982	PROO- UCING ENO OF YEAR	OF OIL		KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE		ZONE
											SUL- FUR PERC- ENT	PERC- ENT					
(CONTINUED FROM PREVIOUS PAGE)																	
*BEAUCOUP, WASHINGTON, 2S, 2W																	
	CLEAR CREEK, DEV	3050 1951	280				14	0	0		39	L	12	A			
	TRENTON, ORO	4095 1952	10				1	0	0		39	L	5	A			
*BEAUCOUP S, WASHINGTON, 2S, 2W																	
	BENOIST, MIS	1430 1951	260	3.5	1079.5	22	0	0	12	35		S	9	AL	ORD	4170	
*BEAVER CREEK, BONO, CLINTON, 3-4N, 2-3W																	
	BENOIST, MIS	1130 1942	180	3.7	302.7	17	0	0	4	34	0.25	S	6	A	SIL	2558	
BEAVER CREEK N, BONO, 4N, 3W																	
	BENOIST, MIS	1115 1949	80	0.0	0.7	6	0	0	0	24		S	4	A	DEV	2536	
ABO 1954, REV 1958, ABO 1964																	
*BEAVER CREEK S, CLINTON, BONO, 3-4N, 2-3W																	
		1946	600	9.7	772.4	55	0	0	26					A	SIL	2606	
	CYPRESS, MIS	1005	20			2	0	0		36		S	20	A			
	BETHEL, MIS	1076 1974	10			1	0	0				S	7				
	BENOIST, MIS	1140 1946	570			52	0	0		35		S	5	A			
BECKEMEYER GAS, CLINTON, 2N, 3W																	
	CYPRESS, MIS	1070 1956	10	0.0	0.0	1	0	0	0			S	20		SIL	2730	
ABO 1958																	
*BELLAIR, CRAWFORD, JASPER, 8N, 14W																	
		1907	2350	X	X	553	7	0	78					AM	DEV	2732	
	(500 FT), PEN	500	2180			315	0	0		29		S	30	AM			
	(800 FT), PEN	815				50	0	0		37		S	X	AM			
	(900 FT), MIS	885				190	0	0		37		S	X	AM			
	CYPRESS, MIS	950	110			7	1	0		36		S	4	AM			
	BENOIST, MIS	1000	440			6	1	0		36		S	10	AM			
	REHAULT, MIS	830	30			6	0	0		37		S	6	AM			
	AUX VASES, MIS	800	220			12	0	0		38		S	X	AM			
	OHARA, MIS	860	70			1	0	0		37		L	4	A			
	MCCLOSKEY, MIS	1436 1982				4	4	0				L	12				
	CARPER, MIS	1748 1969	50			4	0	0				S	14				
SEE CLARK COUNTY DIV. FOR PRODUCTION																	
*BELLE PRAIRIE, HAMILTON, 4S, 6-7E																	
	MCCLOSKEY, MIS	3420 1940	300	5.5	1116.4	17	0	0	9	38	0.12	L	6	AC	DEV	5483	
BELLE PRAIRIE W, HAMILTON, 4S, 5E																	
		1959	160	33.6	125.7	16	2	0	15						DEV	5445	
	SALEM, MIS	4120 1980	130			12	2	0				L	10				
	ULLIN, MIS	4206 1959	50			5	0	0		37		L	6				
ABO 1960, REV 1980																	
BELLE RIVE, JEFFERSON, 3S, 4E																	
		1943	160	13.9	430.1	10	2	0	7						DEV	5200	
	MCCLOSKEY, MIS	3085 1943	110			6	0	0		37	0.50	L	6	AC			
	SALEM, MIS	3838 1982	30			2	2	0				L	7				
	ULLIN, MIS	3981 1980	10			1	0	0				L	4				
	DEVONIAN	4932 1980	10			1	0	0				L	14				
BELLE RIVE S W, JEFFERSON, 4S, 4E																	
		1982	10	1.8	1.8	1	1	0	1						MIS	4120	
	MCCLOSKEY, MIS	3304 1982	10			1	1	0				L	6				
	SALEM, MIS	3651 1982	10			1	1	0				L	11				
BELLMONT, WABASH, 1S, 13-14W																	
		1951	30	0.0	73.0	4	0	0	0						MIS	3006	
	BETHEL, MIS	2650 1951	10		11.0	1	0	0		38		S	7	ML			
	OHARA, MIS	2840 1951	20		62.0	3	0	0		40		L	7	MC			
ABO 1972																	
*BEMAN, LAWRENCE, 3N, 11W																	
		1942	620	23.0	372.1	33	1	0	12					A	DEV	3410	
	AUX VASES, MIS	1805	100			8	0	0		38		S	20	AL			
	STE. G, MIS	1850 1942	530			34	1	0		38		L	7	AC			

Table 8. continued

POOL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE  NAME AND AGE	YEAR OF TH DISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE			DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COM- LETED TO END OF 1932	CO- MPL- ETED IN 1982	AB- ANO- ONEO 1982	PROO- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CRN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
BEMAN E, LAWRENCE, 3N, 10W																
		1947	130	0.6	117.2	9	0	0		2			A	MIS	2519	
	AUX VASES, MIS	1805 1947	50			5	0	0		38		S	20	AL		
	STE. G, MIS	1860 1947	110			6	0	0		38		L	7	AC		
ABO 1960, REV 65, ABO 69, REV 80																
BENNINGTON S, EDWARDS, 1N, 10E																
	MCCLOSKEY, MIS	3240 1944	10	0.0	10.4	1	0	0		0	37		L	8	MC	MIS 3420
ABO 1946																
*BENTON, FRANKLIN, 6S, 2-3E																
		1941	2430	164.6	40329.2	272	3	15		39				A	TRN 6250	
	PENNSYLVANIAN	1700	20			2	0	0		33		S	9	AL		
	TAR SPRINGS, MIS	2100 1941	2360			249	0	15		38		S	10	A		
	AUX VASES, MIS	2752 1959	350			24	2	0		38		S	15	A		
	OHARA, MIS	2804 1959	220			15	2	0				L	2	A		
	MCCLOSKEY, MIS	2906 1960	#			6	1	0		37		OL	4	AC		
	ST. LOUIS, MIS	2990 1960	10			1	0	0		38		L	5	A		
	ULLIN, MIS	3705 1960	10			1	0	0		38		L	5	A		
*BENTON N, FRANKLIN, 5-6S, 2E																
		1941	840	29.7	4017.5	83	1	0		6				A	OEY 4750	
	CYPRESS, MIS	2460 1944	100			14	0	0		38		S	17	A		
	PAINT CREEK, MIS	2501 1962	400			15	0	0		33		S	3			
	BETHEL, MIS	2600 1942	#			21	0	0		38	0.15	S	20	AL		
	AUX VASES, MIS	2685	200			16	0	0		39	0.15	S	10	A		
	OHARA, MIS	2730	470			13	0	0		38	0.70	L	8	A		
	SPAR MTN, MIS	2775 1941	#			3	0	0		36	0.15	S	6	A		
	MCCLOSKEY, MIS	2800	#			20	0	0		34		L	10	A		
	ST LOUIS, MIS	3062 1979	20			2	1	0				L	10			
*BERRY, SANGAMON, 15N, 3W																
		1961	650	3.7	604.3	44	0	0		20					SIL 1954	
	DEVONIAN	1743 1962	60			2	0	0		38		S	4			
	SILURIAN	1736 1961	590			42	0	0		38		L	35			
*BERRYVILLE C, WABASH, EDWARDS, RICHLAND, LAWRENCE, 1-2N, 14W																
		1943	880	65.2	1774.4	57	12	2		29				M	MIS 3903	
	OHARA, MIS	2900 1943	740			11	0	0		39		L	6	MC		
	SPAR MTN, MIS	2850 1943	#			15	0	0				L	12	MC		
	MCCLOSKEY, MIS	2890 1947	#			20	1	2		36		L	10	MC		
	ST LOUIS, MIS	2960 1982	80			5	6	0				L	4			
	SALEM, MIS	3370 1975	50			5	4	0				L	10			
	ULLIN, MIS	3605 1975	20			2	1	0				L	10			
BESSIE, FRANKLIN, 6S, 3E																
			190	119.5	433.4	11	4	0		11					OEY 5042	
	OHARA, MIS	2895 1943	10			1	0	0		39	0.15	L	10	MC		
	SALEM, MIS	3159 1980	20			2	0	0				L	26			
	ULLIN, MIS	3825 1979	180			9	4	0				L	6			
BLACK BRANCH, SANGAMON, 15N, 4W																
	SILURIAN	1600 1967	350	7.3	614.5	24	0	0		16	38		L	10	SIL 1744	
BLACK BRANCH E, SANGAMON, 15N, 4W																
	SILURIAN	1720 1969	10	0.0	2.8	1	0	0		0			L	20	SIL 1755	
ABO 1974																
*BLACKLAND, MACON, CHRISTIAN, 15N, 1E-1W																
	SILURIAN	1935 1953	420	6.5	506.2	45	2	0		7	39		L	12	MU ORO 3780	
BLACKLAND N, MACON, 16N, 1E																
	SILURIAN	1948 1960	360	16.4	269.9	30	4	3		9	39		L	11	M SIL 2164	
BLACKLAND S, MACON, CHRISTIAN, 15N, 1W																
	SILURIAN	1986 1982	30	30.7	30.7	3	3	0		3			L	12	SIL 2031	
BLACK RIVER, WHITE, 4S, 13W																
		1952	190	105.5	210.9	16	2	0		15					MIS 3225	
	CLORE, MIS	1865 1952	170			13	1	0		36		S	6			
	PALESTINE, MIS	1944 1981	10			1	0	0				S	3			
(CONTINUED ON NEXT PAGE)																

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE  NAME AND AGE	OEP- TH (FT)	YEAR OF OVER	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS			CHARACTER OF OIL		PAY ZONE			OEEPEST TEST	
					DUR- ING 1982	TO END OF 1982	COMP- LETEO TO 1982	CO- ETEO 1982	AB- AND- 1982	PROO- UCING YEAR	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)
(CONTINUED FROM PREVIOUS PAGE)																
BLACK RIVER, WHITE, 4S, 13W																
RENAULT, MIS	2816	1982		10			1	1	0			S	8			
MCCLOSKEY, MIS	2973	1980		10			1	0	0			OL	3			
ABD 1974, REV 1978																
BLAIRSVILLE W C, HAMILTON, 4S, 7E																
		1948		270	34.8	450.3	18	3	0	9				A	OEV	5605
AUX VASES, MIS	3250	1948		40			4	0	0							
SPAR MTN, MIS	3345			190			1	0	0			L	6	AC		
MCCLOSKEY, MIS	3405	1951		#			11	2	0	37		L	8	AC		
SALEM, MIS	4170	1981		30			1	0	0			L	10			
ULLIN, MIS	4340	1981		30			4	1	0			L	10			
BLUFORD, JEFFERSON, 2S, 4E																
MCCLOSKEY, MIS	3060	1961		30	1.0	161.9	2	0	0	1	38	OL	6		MIS	3833
BOGOTA, JASPER, 6N, 9E																
		1943		310	11.1	549.7	16	6	0	7				A	MIS	3234
SPAR MTN, MIS	3090			310			3	2	0			L	4	AC		
MCCLOSKEY, MIS	3110	1943		#			13	4	0	39		L	7	A		
BOGOTA N, JASPER, 6N, 9E																
MCCLOSKEY, MIS	3080	1949		20	0.0	0.0	2	0	0	1	37	L	3		MIS	3647
ABD 1950, REV 1973																
BOGOTA S, JASPER, 5-6N, 9E																
MCCLOSKEY, MIS	3075	1944		300	1.3	550.6	23	0	0	3	37	L	3	MC	MIS	3751
BOGOTA W, JASPER, 6N, 9E																
MCCLOSKEY, MIS	3080	1966		10	0.0	0.0	1	0	0	0	37	0	6		MIS	3655
ABD 1967																
*BONE GAP C, EDWARDS, 1S, 10-11E, 14W																
		1941		1530	60.0	2802.6	93	9	3	42				A	MIS	4251
PENNSYLVANIAN	2110	1952		10			1	0	0		32	S	3	AL		
WALTERSBURG, MIS	2310	1951		170			17	0	0		35	S	20	A		
CYPRESS, MIS	2710	1947		130			10	1	2		37	S	10	A		
BETHEL, MIS	2830	1952		180			12	2	1		39	S	14	AL		
AUX VASES, MIS	3020	1947		100			7	3	0		36	S	9	AL		
OHARA, MIS	3040	1948		1020			13	2	0		34	L	5	AC		
SPAR MTN, MIS	3045	1947		#			7	0	0		35	L	5	AC		
MCCLOSKEY, MIS	3200	1941		#			27	0	1		38	0.33	L	6	AC	
SALEM, MIS	3209	1982		10			1	1	0			L	1			
BONE GAP E, EDWARDS, 1S, 14W																
		1951		190	7.3	122.2	15	0	0	11				M	MIS	4000
OHARA, MIS	2980	1951		70			6	0	0			L	10	MC		
MCCLOSKEY, MIS	3050			#			1	0	0		36	L	5	MC		
SALEM, MIS	3555	1974		120			9	0	0			L	4			
ABD 1956, REV 1974																
BONE GAP W, EDWARDS, 1S, 10E																
STE. GEN, MIS	3290	1954		180	16.1	57.2	11	1	1	9	36	L	5		MIS	3715
ABD 1975, REV 1964																
*BOULOER +, CLINTON, 2-3N, 2W																
		1941		580	0.0	3120.0	55	0	0	0				D	TRN	3813
BENOIST, MIS	1190	1942		500			33	0	0		37	S	20	D		
GENEVA, OEV	2630	1941		470			22	0	0		28	0.33	0	7	R	
SILURIAN	2700	1963		40			1	0	0		40	L	4			
ABD 1965																
BOULOER E +, CLINTON, 3N, 1W																
DEVONIAN	2850	1955		80	11.8	273.1	7	0	0	5	39	L	5		DEV	2946
*BOURBON C, DOUGLAS, 15N, 7E																
		1956		1060	3.1	1824.9	94	0	2	24						2709
AUX VASES, MIS	1512	1980		10			1	0	0			S	4			
SPAR MTN, MIS	1600	1956		1050			92	0	2		34	LS	12	NC		
MCCLOSKEY, MIS	1715	1976		#			1	0	0			L	5			

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR DEP- TM (FT)	OISC- OVERY	PRODUCTION M 38LS			NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				PRO- VEO IN ACRES	OUR- ING 1982	TO END OF 1982	COMP- LETO END OF 1982	CD- MPL- IN 1982	AB- AND- ONED 1982	PROD- UCING END OF YEAR	SUL- FUR GR. API	PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- ZDNE TH (FT)	
BOURBON S, DOUGLAS, 15N, 7E																	
SPAR MTN, MIS		1693	1960	50	0.5	9.5	3	0	0	2	34	S	12	NC	MIS	1790	
ABO 1964,REV 1976																	
BOWYER, RICHLAND, 5N, 14W																	
SPAR MTN, MIS		1958		70	1.0	14.6	4	0	0	2					MIS	2950	
MCCLOSKY, MIS		2893	1958	70			3	0	0	36		S	X				
		2876	1971	#			1	0	0			L	S				
ABO 67,REV 71,ABO 72,REV 31																	
*BOYD, JEFFERSON, 1S, 1-2E																	
BENOIST, MIS		1944		1490	12.5	14958.1	127	0	0	39				A	TRN	5400	
AUX VASES, MIS		2060	1944	1450			114	0	0		35	0.14	S	19	A		
OHARA, MIS		2130	1944	660			48	0	0		37		S	15	A		
TRENTON,DRD		2230	1945	30			24	0	0		39		L	2	AC		
		5000	1967	80			5	0	0					X			
BROUGHTON, HAMILTON, 6S, 7E																	
MCCLOSKY, MIS		1951		390	34.6	306.1	23	0	1	18					MIS	4446	
SALEM,MIS		3275	1951	210			11	0	1		37		L	S			
ULLIN, MIS		4024	1979	20			3	0	0				L	35			
		4190	1977	160			7	0	0				L	10			
ABO 1954,REV 1977																	
BROUGHTON N, HAMILTON, 5S, 7E																	
AUX VASES, MIS		3214	1980	10	3.3	11.1	1	0	0	1		S			MIS	4330	
BROUGHTON S, SALINE, 7S, 7E																	
TAR SPRINGS, MIS		1951		20	0.0	0.1	2	0	0	0					MIS	3300	
MCCLOSKY, MIS		2315	1974	10			1	0	0				S	7			
		3215	1951	10			1	0	0		38		L	4			
ABO 1952,REV 1974,ABO 1976																	
*BROWN, MARION, 1N, 1E																	
CYPRESS, MIS		1670	1910	120	1.5	164.4	12	0	0	10	36	S	X	N	MIS	2036	
*BROWNS, EDWARDS, WABASH, 1-2S, 14W																	
BIEM, PEN		1943		1130	24.2	2892.0	75	1	0	38				A	DEV	5200	
TAR SPRINGS, MIS		1870	1962	20			2	0	0		32		S	8			
CYPRESS, MIS		2365	1947	40			1	0	0		36		S	14	AL		
BETHEL, MIS		2640	1943	380			27	0	0		36	0.18	S	13	A		
AUX VASES, MIS		2785	1944	90			6	0	0		39		S	12	AL		
OHARA, MIS		2965		40			2	1	0		36		S	7	AL		
SPAR MTN, MIS		2965	1946	840			14	0	0		34		L	4	AC		
MCCLOSKY, MIS		2975	1947	#			1	0	0				L	3	AC		
ST LOUIS, MIS		3000	1944	#			35	0	0		38		L	6	A		
		3258	1980	10			1	0	0				L	6			
*BROWNS E, WABASH, 1-2S, 14W																	
PENNSYLVANIAN		1946		900	5.5	2978.5	77	0	1	17					MIS	3729	
CYPRESS, MIS		1844	1963	10			1	0	0		32		S	X			
SPAR MTN, MIS		2570	1946	790			72	0	0		36		S	13	ML		
SALEM, MIS		2950	1977	70			3	0	1				S	5			
		3420	1976	50			5	0	0				L	20			
BROWNS S, EDWARDS, 2S, 14W																	
WALTERSBURG, MIS		1943		180	11.3	157.0	17	6	0	14				N	MIS	3670	
BETHEL, MIS		2330	1976	10			1	0	0				S	10			
RENAULT, MIS		2850	1943	80			7	2	0		38		S	15	NL		
AUX VASES, MIS		2913	1982	10			1	1	0				S	8			
OHARA, MIS		2950	1947	60			7	2	0		36		S	8	NL		
SPAR MTN, MIS		3020	1976	30			2	0	0				L	6			
		3040	1982	#			1	1	0				S	4			
ABO 1968, REV 1970																	
BRUBAKER, MARION, 3N, 3E																	
SPAR MTN, MIS		1973		190	29.5	334.4	13	1	0	11					SIL	5200	
MCCLOSKY, MIS		2341	1975	60			2	0	0				S	20			
ST LOUIS, MIS		2395	1975	#			2	1	0				DL	5			
SALEM, MIS		2550	1976	40			3	0	0				L	46			
DEVONIAN		2745	1974	20			2	0	0				D	7			
		3820	1973	70			4	0	0		34		L	1			
BUCKHORN, BROWN, 1-2S, 4W																	
(CONTINUED ON NEXT PAGE)																	



Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR DEP- TH (FT)	AREA PRD- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TD END OF 1982	CDMP- LETED TD END OF 1982	CO- MPL- ETED IN 1982	AB- AND- DNED 1982	PRDD- UCING END OF YEAR	SUL- FUR PERC- ENT API	KIND OF ROCK	THI- OF CKN- ESS	STR- UCT- URE	ZDNE	DEP- TH (FT)	
(CONTINUED FROM PREVIOUS PAGE)																
BUCKHORN, BROWN, 1-2S, 4W	SILURIAN	692 1961	50	0.1	0.1	6	0	0	5	37	D	3	SIL	705		
			ABD 1964, REV 1973													
BUCKHORN E, BROWN, 1-2S, 3-4W	SILURIAN	655 1982	610	383.4	383.4	41	41	0	41		D	11	SIL	732		
BUCKNER, FRANKLIN, 6S, 2E	AUX VASES, MIS	2601 1963	200	20.2	201.7	13	0	1	10	38	S	12	DEV	4594		
BULPITT S, CHRISTIAN, 13N, 3W	DEV-SIL	1911 1962	60	0.0	3.4	4	0	0	0	38	L	15	DVS	1990		
			ABD 1969													
*BUNGAY C, HAMILTON, 4S, 7E		1941	3470	74.6	14599.4	260	4	1	83				A	DEV	5566	
RENAULT, MIS		3270	550			22	0	0		39	S	10	AL			
AUX VASES, MIS		3295 1941	2920			205	3	1		39	0.24	S	15	AL		
DHARA, MIS		3335	410			5	0	0			L	8	AC			
SPAR MTN, MIS		3400 1943	#			4	0	0			L	8	AC			
MCCLOSKY, MIS		3425 1943	#			21	1	0	36	0.24	L	8	AC			
ULLIN, MIS		4190 1959	10			1	0	C	38		L	10	AC			
BURNT PRAIRIE S, WHITE, 4S, 9E		1947	80	0.4	33.0	7	0	0	4					MIS	3600	
AUX VASES, MIS		3330	20			2	0	0		37	S	24				
OHARA, MIS		3415 1947	70			1	0	0		38	L	6				
MCCLOSKY, MIS		3460	#			4	0	0			L	4				
BURNT PRAIRIE SW, WHITE, 4S, 8E		1979	360	66.7	436.8	29	0	0	28					MIS	4405	
AUX VASES, MIS		3336 1979	90			8	0	0			S	6				
DHARA, MIS		3436 1979	270			4	0	0			L	3				
SPAR MTN, MIS		3451 1979	#			2	0	0			S	4				
MCCLOSKY, MIS		3513 1979	#			16	0	0			L	6				
CALHDUN CEN, RICHLAND, 2N, 10E		1950	30	0.0	0.5	3	0	0	0				M	MIS	4107	
SPAR MTN, MIS		3245	30			2	0	0			L	6	MC			
MCCLOSKY, MIS		3280 1950	#			1	0	0	37		L	3	MC			
			ABD 1952, REV AND ABD 1959													
*CALHDUN C, RICHLAND, WAYNE, 2-3N, 9-10E		1944	2130	14.5	4195.2	119	2	0	21				A	SIL	5645	
DHARA, MIS		3140 1944	2110			22	0	C	39		DL	9	A			
SPAR MTN, MIS		3160	#			26	1	0	37		OL	6	A			
MCCLOSKY, MIS		3180 1944	#			72	1	0	39	0.15	OL	10	A			
ST LOUIS, MIS		3370 1967	10			1	0	0	39		OL	9				
SALEM, MIS		3730 1967	40			3	0	0	39		L	8				
*CALHDUN E, RICHLAND, 2N, 10-11E		1950	160	0.0	332.4	10	0	0	1	39	L	5	MC	MIS	3901	
MCCLOSKY, MIS		3265	160			10	0	0			L	5	MC			
			ABD 1977, REV 1980													
CALHDUN N, RICHLAND, 3N, 10E		1944	60	1.3	89.3	4	0	0	1				A	MIS	3280	
SPAR MTN, MIS		3155 1944	60			1	0	0			LS	10	A			
MCCLOSKY, MIS		3170 1944	#			4	0	0	36		DL	11	A			
*CALHDUN S, WAYNE, RICHLAND, EDWARDS, 1-2N, 9E		1953	590	4.0	715.9	36	1	1	13					MIS	4152	
AUX VASES, MIS		3175 1953	30			3	1	0	38		L	5				
OHARA, MIS		3232 1963	570			4	0	0			L	8				
SPAR MTN, MIS		3224 1962	#			19	1	1			L	5				
MCCLOSKY, MIS		3209 1961	#			20	0	0	37		DL	6				
			ABD 1953, REV 1961													
CARLINVILLE +, MACDUPIN, 9N, 7W	UNNAMED, PEN	380 1909	40	0.0	x	8	0	0	2	28	S	x	A	MIS	1380	
			ABD 1925, REV 1942													



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY IONE NAME AND AGE	TEAR OF TH DISC- (FT) OVERY	AREA PRO- VED IN ACRES	PRODUCTION M 98LS		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST		
				OUR- ING 1982	TO END OF 1982	COMP- LETO TO END OF 1982	CO- MPL- ETEO IN 1982	AB- ANO- ONEO 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCY- URE	IONE	DEP- TH (FT)		
CARLINVILLE N 4, MACOUPIN, 10N, 7W																	
POYTSVILLE, PEN	440	1941	100	0.6	1.6	20	4	0	4	20	0.35	S	10	TRN	1970		
			ABO 1954, REV 1982														
CARLINVILLE S, MACOUPIN, 9N, 7W																	
PENNSYLVANIAN	539	1958	10	0.0	0.0	1	0	0	0	26		S	X	PEN	1020		
			ABO 1964														
*CARLTLE, CLINYON, 2N, 3W																	
GOLCONDA, MIS	900	1911	1320	23.3	4300.6	207	1	2	31					A	SYP	4120	
CARLTLE(CYP), MIS	1035	1952	10			7	0	0	35			L	10	AC			
	1035	1911	1310			205	1	2	35	0.26	S	20	AL				
CARLTLE E, CLINTON, 2N, 2W																	
BENOIST, MIS	1197	1963	30	0.2	1.1	2	0	0	1	34		S	4	MIS	1245		
			ABO 1972, REV 1978														
*CARLTLE N, CLINYON, 3N, 3W																	
BENOISY, MIS	1150	1950	550	14.0	981.9	46	0	1	31	34		S	6	AL	DEV	2558	
CARLTLE S, CLINTON, 1N, 3W																	
CYPRESS, MIS	1075	1951	20	0.4	2.4	2	0	0	0	35		S	4	MIS	1194		
			ABO 1983, REV 1982														
*CARM, WHITE, 5S, 9E																	
PENNSTLVANIAN	1210	1940	260	1.8	408.5	22	1	1	3					M	MIS	3546	
CTPRESS, MIS	2800		10			1	0	0	32		S	10	ML				
AUX VASES, MIS	3145		100			8	0	0	38		S	15	ML				
MCCLOSKY, MIS	3150	1940	60			6	1	1	37		S	8	ML				
	3150		110			3	0	0	35		OL	5	MC				
			ABO 1949, REV 1952														
*CARM N, WHITE, 5S, 9E																	
CYPRESS, MIS	2940	1942	110	8.9	320.6	9	0	0	6					A	MIS	3452	
BENOIST, MIS	3080	1954	30			2	0	0	38		S	13	AF				
AUX VASES, MIS	3270	1942	90			1	0	0	37		S	12	AF				
	3270					7	0	0	36	0.14	S	14	AF				
*CASEY, CLARK, 10-11N, 14W																	
UPPER GAS, PEN	265	1906	3040	X	X	516	0	0	228					AM	TRN	2608	
LOWER GAS, PEN	300		2733			43	0	0	32		S	X	AM				
CASEY, PEN	445		#			90	0	0	30		S	X	AM				
CARPER, MIS	1300		#			373	0	0	35		S	10	AM				
			250			20	0	0	38		S	50	AM				
			SEE CLARK COUNTY DIV FOR PRODUCTION														
*CENTERVILLE, WHITE, 4S, 9E																	
AUX VASES, MIS	3240	1940	200	9.6	544.2	15	2	0	3					N	MIS	4365	
OHARA, MIS	3310	1953	20			2	1	0	37		S	6	ML				
SPAR MTN, MIS	3370		190			6	0	0	36		L	10	NC				
MCCLOSKT, MIS	3370	1940	#			3	1	0	37	0.17	L	9	NC				
	3370		#			6	0	0			OL	4	NC				
*CENTERVILLE E, WHITE, 3-4S, 9-10E																	
PALESTINE, MIS	2225	1941	1330	27.7	8614.4	142	2	1	66					A	DEV	5467	
YAR SPRINGS, MIS	2500	1950	20			2	0	0	35		S	3	ALF				
HARROINSBURG, MIS	2615	1950	820			35	0	0	38	0.20	S	24	ALF				
CYPRESS, MIS	2915	1941	40			1	0	0	36		S	22	ALF				
BETHEL, MIS	2990	1942	650			48	0	1	37		S	6	ALF				
AUX VASES, MIS	3075		220			20	0	C	38		S	20	ALF				
OHARA, MIS	3175		530			37	0	0	37		S	21	ALF				
SPAR MTN, MIS	3185		360			6	1	G	36		OL	5	ACF				
MCCLOSKT, MIS	3230		#			1	0	0	37		LS	6	ACF				
SALEM, MIS	3998	1982	10			17	0	0	37		OL	7	ACF				
						1	1	0			L	12					
CENTERVILLE N, WHITE, 3S, 10E																	
BETHEL, MIS	2990	1947	10	0.0	0.0	1	0	0	0	38		S	13	ML	MIS	3332	
			ABO 1948														
CENTERVILLE N E, WHITE, 3S, 10E																	
BETHEL, MIS	3055	1955	10	0.0	5.6	1	0	0	0	38		S	14	MIS	3407		
			ABO 1959														

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR OF DISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST		
				DUR- ING 1982	TO END OF 1982	COM- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- ONED 1982	PROO- UCING END OF YEAR	SUL- FUR- PERC- ENT	GR. API	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
*CENTRAL CITY, MARION, 1N, 1E																	
PENNSYLVANIAN		626 1964	130	2.2	86.1	13	0	0	11	33		S	10		MIS	1942	
*CENTRALIA, CLINTON, MARION, 1-2N, 1E, 1W																	
		1937	2980	105.6	57945.4	1021	0	0	211					A	ORO	4170	
PETRO, PEN		765 1958	30			4	0	0		32		S	X	A			
CYPRESS, MIS		1200	1530			57	0	0		37	0.20	S	12	A			
BENOIST, MIS		1355 1937	2510			577	0	0		38	0.17	S	20	A			
DEVONIAN		2870 1939	2610			319	0	0		40	0.38	L	9	A			
TRENTON, ORD		3930 1940	1100			59	0	0		40		L	22	A			
CENTRALIA W, CLINTON, 1N, 1W																	
		1940	90	0.7	423.6	10	0	2	1					N	OEV	3021	
CYPRESS, MIS		1308 1960	10			1	0	0		35		S	4	N			
BENOIST, MIS		1440 1940	90			9	0	2		38	0.17	S	9	N			
CHESTERVILLE, DOUGLAS, 15N, 7E																	
SPAR MTN, MIS		1780 1956	50	0.2	37.0	5	0	0	1	39		LS	3	ML	MIS	1829	
*CHESTERVILLE E, DOUGLAS, 14-15N, 7-8E																	
SPAR MTN, MIS		1720 1957	400 ABD 1974	0.0	1164.4	41	0	0	0	39		S	10	NC	MIS	1785	
CHRISTOPHER S, FRANKLIN, 7S, 1E																	
		1964	30	0.0	9.9	3	0	0	0						MIS	2820	
AUX VASES, MIS		2620 1964	30			3	0	0		38		S	8				
OHARA, MIS		2690 1964	10			1	0	0		37		L	10				
ABD 1969																	
CLAREMONT, RICHLAND, 3N, 14W																	
		1950	120	0.0	20.2	9	1	1	0						MIS	4065	
SPAR MTN, MIS		3200 1950	120			6	1	1				S	5				
MCCLOSKEY, MIS		3218 1969	#			3	0	0				L	4				
ABD 1971																	
CLARK COUNTY DIV, CLARK, COLES, CRAWFORD, CUMBERLAND, JASPER																	
		1900	27180	292.2	87512.7	5970	44	3	1745						ORO	4519	
INCL BELLAIR CASEY JOHNSON N, S MARTINSVILLE SIGGINS WESTFLD YORK																	
*CLARKSBURG, SHELBY, 10N, 4E																	
		1946	60	3.4	108.2	6	0	0	3						DEV	3206	
BETHEL, MIS		1779 1981	10			1	0	0				S	9				
AUX VASES, MIS		1770 1946	50			5	0	0		36		S	6	A			
*CLAY CITY C, CLAY, WAYNE, RICHLAND, JASPER, 1-7N, 1-2S, 6-11E																	
		1937	102640	3332.3	327136.8	7154	221	49	2775					A	PC	11614	
WALTERSBURG, MIS		2175 1952	10			1	0	0		36		S	6	AL			
TAR SPRINGS, MIS		2560 1949	130			8	0	0		38		S	15	AL			
CYPRESS, MIS		2635 1937	8800			616	14	1		36		S	15	AL			
BETHEL, MIS		2800	340			29	1	0		39		S	15	AL			
AUX VASES, MIS		2940 1942	32950			2242	35	20		38		S	15	AL			
OHARA, MIS		3020	70490			277	12	3		38		OL	5	AC			
SPAR MTN, MIS		3030	#			723	28	2		38		LS	8	AC			
MCCLOSKEY, MIS		3050 1937	#			3357	65	26		39		OL	10	AC			
ST. LOUIS, MIS		3025 1949	3430			284	19	2		38		L	3	A			
SALEM, MIS		3590 1950	9570			586	91	8		39		L	10	A			
ULLIN, MIS		3600 1952	460			35	2	0		40		L	17	A			
CARPER, MIS		3806 1979	70			4	1	1				S	6				
DEVONIAN		4350 1949	110			5	2	0		39		L	10	A			
CLEAR LAKE E, SANGAMON, 16N, 4W																	
SILURIAN		1596 1970	40	0.2	24.9	2	0	0	1	25		L	12		SIL	1653	
CLIFFORD, WILLIAMSON, 8S, 1E																	
		1957	40	0.0	15.0	2	0	0	0						MIS	2625	
AUX VASES, MIS		2380 1957	40			2	0	0		38		S	7				
SPAR MTN, MIS		2470 1957	20			1	0	0				LS	7				
MCCLOSKEY, MIS		2540 1957	#			1	0	0		38		L	5				
ABD 1965																	
*COIL, WAYNE, 1S, 5E																	
		1942	550	41.1	3252.1	39	1	0	26					A	MIS	3756	
AUX VASES, MIS		2910 1942	370			25	0	0		39	0.12	S	10	A			
(CONTINUED ON NEXT PAGE)																	

Table 8. continued

PDOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECDVERT SEE PART II)	PAY ZONE  NAME AND AGE	YEAR	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE			DEEPEST TEST	
				CUR- ING 1982	TO ENO OF 1982	CDMP- LETED TO ENO OF 1982	CO- ETEO IN 1982	AB- AND- ONED 1982	PROD- UCING ENO OF YEAR	SUL- FUR API	PERC- ENT	KIND DF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
*COIL, WAYNE, 1S, 5E (CONTINUED FROM PREVIOUS PAGE)																
	SPAR MTN, MIS	3018 1982	20			1	1	0				S	4			
	MCCLDSKY, MIS	3065 1942	#			1	0	0		38		DL	15	AC		
	ST LOUIS, MIS	3021 1967	100			5	0	0				L	9			
	SALEM, MIS	3510 1977	100			9	1	0				L	14			
*CDIL W, JEFFERSON, 1S, 4E																
		1942	630	43.3	1334.4	57	1	0	27					A	MIS 3666	
	AUX VASES, MIS	2720 1944	180			15	0	0		39		S	15	AL		
	DHARA, MIS	2790 1942	230			11	0	0				L	7	AC		
	SPAR MTN, MIS	2805	#			2	0	0				L	X	AC		
	MCCLDSKY, MIS	2880 1942	#			14	0	0		38		L	8	AC		
	ST LOUIS, MIS	3040 1967	160			15	0	0		39		L	7			
	SALEM, MIS	3346 1961	280			20	1	0		37		L	10	A		
CDLINSVILLE, MADISON, 3N, 8W																
	SILURIAN	1305 1909	40 ASD 1921	0.0	1.0	6	0	0	0	37		L	20	ML	STP 2177	
*CDLMAR-PLYMOUTH, MANCOCK-MCDONOUGH, 4-5N, 4-5W																
	HDING, DEV	450 1914	2550	23.6	5099.5	508	1	0	71	35	0.38	S	14	AL	SHK 1025	
COMER, MACDUPIN, 10N, 8W																
	PENNSYLVANIAN	444 1982	10	0.0	0.0	1	1	0	1			S	8		PEN 490	
*CDNCORD C, WHITE, 6S, 10E																
		1942	2160	83.7	8748.6	202	1	0	81					A	DEV 5313	
	TAR SPRINGS, MIS	2270 1943	350			26	0	0		36		S	11	AL		
	MARDINSBURG, MIS	2510 1954	350			30	0	0		36		S	7	A		
	CTPRESS, MIS	2625 1944	270			19	0	0		37		S	10	AL		
	AUX VASES, MIS	2905 1942	670			49	0	0		36	0.15	S	14	AL		
	DHARA, MIS	2930 1943	1080			2	0	0				L	9	AC		
	SPAR MTN, MIS	3035	#			3	0	0				L	8	AC		
	MCCLDSKY, MIS	2990	#			56	0	0		37		L	10	AC		
	ST LOUIS, MIS	3370 1976	230			17	0	0				L	7			
	SALEM, MIS	3790 1981	10			1	0	0				L	3			
	ULLIN, MIS	3900 1975	440			24	1	0				L				
*CDNCORD E C, WHITE, 6-7S, 10E																
		1942	420	1.7	902.1	39	0	0	12					A	MIS 3125	
	WALTERSBURG, MIS	2140	40			4	0	0		33		S	10	A		
	TAR SPRINGS, MIS	2175	70			5	0	0		36		S	4	A		
	CTPRESS, MIS	2540	190			16	0	0		38		S	6	A		
	RENAULT, MIS	2800	20			2	0	0		36		L	6	A		
	AUX VASES, MIS	2825	70			7	0	0		36		S	12	A		
	DHARA, MIS	2895	120			3	0	0				L	6	AC		
	SPAR MTN, MIS	2895	#			3	0	0				S	5	AC		
	MCCLDSKY, MIS	2965	#			3	0	0		37		L	2	AC		
*CDDKS MILLS C, COLES, DOUGLAS, 13-14N, 7-8E																
		1941	3180	12.0	3127.9	258	0	0	63					A	DEV 3059	
	CTPRESS, MIS	1600 1955	10			1	0	0		39		S	20	A		
	AUX VASES, MIS	1765 1941	10			2	0	0		37		S	15	A		
	SPAR MTN, MIS	1800 1946	3120			243	0	0		37		S	9	A		
	MCCLDSKY, MIS	1840 1955	#			2	0	0				L	4	A		
	CARPER, MIS	2700 1963	20			1	0	0		38		S	5			
	DEVONIAN	2867 1963	40			5	0	0		37		L	3			
CDOPERSTOWN W, BROWN, 1S, 2W																
	SILURIAN	598 1982	10	0.0	0.0	1	1	0	1			L		SIL	643	
*COROES, WASHINGTON, 3S, 3W																
	BENDIST, MIS	1260 1939	1630	30.8	10372.4	155	0	0	33	36	0.19	S	14	A	TRN 3880	
*CDRINTM, WILLIAMSON, 8S, 4E																
		1957	340	17.6	563.7	21	1	0	18						MIS 3550	
	AUX VASES, MIS	2885 1957	320			19	1	0		38		S	10			
	DHARA, MIS	2929	50			2	0	0		38		L	X			
	SPAR MTN, MIS	2985 1957	#			2	0	0		38		L	10			

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR DEP- TH OF DISC- OVER	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- AND- ONED 1982	PROD- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
CORINTH E, WILLIAMSON, 8S, 4E	MCCLOSKEY, MIS	303S 1957	10 ABD 1960	0.0	10.6	1	0	0	0	38	L	10	MIS	3113		
CORINTH N, WILLIAMSON, 8S, 4E	AUX VASES, MIS	293S 1957	10 ABD 1960	0.0	3.7	1	0	0	0	36	S	16	MIS	3180		
CORINTH S, WILLIAMSON, 9S, 4E	CYPRESS, MIS	235D 1972	10 ABD 1975	0.2	8.9	1	0	0	1		S	8	MIS	2820		
COTTAGE GROVE, SALINE, 9S, 7E	OMARA, MIS	277D 1955	10 ABD 1963	0.0	12.5	1	0	0	0	38	L	X	MIS	2977		
COULTERVILLE N, WASHINGTON, 3S, SW	SILURIAN	229D 1958	50	0.2	41.4	5	0	0	3	42	L		ORD	3234		
*COVINGTON S, WAYNE, 2S, 6E	MCCLOSKEY, MIS	3310 1943	690	41.0	556.9	31	4	0	15				AC	DEV	5300	
	ST. LOUIS, MIS	3361 1962	600			24	4	0		36	0.18	L	S	AC		
	ULLIN, MIS	4148 1960	10			1	0	0		36		L	4	AC		
			90			6	0	0		36		L	12	AC		
CRAIG, PERRY, 4S, 4W	TRENTON, ORD	365D 1948	10 ABD 1951, REV 1965, ABD 1967	0.0	2.9	2	0	0	0	35	L	20	A	ORD	3750	
CRAVAT, JEFFERSON, 1S, 1E	BENOIST, MIS	207D 1939	120	0.5	386.2	11	0	0	6	34	0.23	S	10	A	DEV	3850
CRAVAT W, JEFFERSON, 1S, 1E	PENNSYLVANIAN	104S 1956	140	1.1	141.3	15	0	0	14					MIS	2390	
	BETHEL, MIS	207D 1960	130			14	0	0	32		S	10				
			10			1	0	0			S	10				
CROSSVILLE, WHITE, 4S, 10E	BETHEL, MIS	288D 1946	130	1.3	18.0	13	1	0	2				M	MIS	4119	
	AUX VASES, MIS	303D 1956	40			3	0	0		38	S	9	ML			
	OMARA, MIS	310D	30			3	0	0		37	S	20	ML			
	MCCLOSKEY, MIS	312D 1946	100			1	0	0			L	3	MC			
	SALEM, MIS	364D 1982	#			5	0	0	38		L	5	MC			
			10			1	1	0			L	14				
			ABD 52, REV 56, ABD 58, REV 81													
*CROSSVILLE W, WHITE, 4S, 10E	CYPRESS, MIS	281D 1952	240	2.6	378.1	17	0	0	0				M	MIS	3500	
	AUX VASES, MIS	303D 1952	10			1	0	0			S	18				
	OMARA, MIS	311D 1958	130			9	0	0	37		S	8	ML			
	SPAR MTN, MIS	315D 1958	150			1	0	0	37		L	X	M			
	MCCLOSKEY, MIS	318S 1956	#			3	0	0			L	X	M			
			#			7	0	0	38		L	X	MC			
			ABD 1953, REV 1956, ABD 1975, REV 1982													
DAHLGREN, HAMILTON, 3S, 5E	MCCLOSKEY, MIS	330D 1941	620	0.5	1220.4	45	0	0	2				A	DEV	5299	
	ULLIN, MIS	411D 1956	620			44	0	0		37	0.16	L	11	A		
			10			1	0	0		39		L	15	A		
DAHLGREN S, HAMILTON, 4S, 5E	SALEM, MIS	3836 1982	20	2.7	2.7	2	2	0	2					MIS	4366	
	ULLIN, MIS	4258 1982	10			1	1	0			L	17				
			10			1	1	0			L	13				
DAHLGREN W, JEFFERSON, 4S, 4E	ULLIN, MIS	4019 1960	30	0.1	31.8	3	0	0	1	38	L	5		DEV	5245	
			ABD 1966, REV 1980													
*DALE C, FRANKLIN, HAMILTON, SALINE, 5-7S, 4-7E	TAR SPRINGS, MIS	243D 1940	1885D	369.9	101044.8	1693	18	25	213				A	PC	13051	
		1943	480			41	0	0	36		S	25	A			

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY IONE		AREA PRO- VEO IN ACRES	PRODUCTION M BBL5		NUMBER OF WELLS				CHARACTER OF OIL		PAY IONE			DEEPEST TEST		
	NAME AND AGE	OEP- TH (FT)		YEAR OF DISC- OVERY	OUR- ING 1982	TO ENO OF 1982	COMP- LETO ENO OF 1982	CO- ETEO IN 1982	AB- ANO- 1982	PROO- UCING ENO OF YEAR	GR. API	SUL- FUR- PERC- ENT	KINO OF ROCK	THI- CRN- ESS	STR- UCT- URE	IONE	OEP- TH (FT)
(CONTINUED FROM PREVIOUS PAGE)																	
*DALE C, FRANKLIN, HAMILTON, SALINE, 5-7S, 4-7E	MAROINSBURG, MIS	2480		120		12	0	0		38	S	10	A				
	CYPRESS, MIS	2700	1940	1580		127	1	6		39	S	15	A				
	BETHEL, MIS	2975		3460		285	0	2		38	0.19	S	13	A			
	AUX VASES, MIS	3150	1945	16660		1315	4	23		37	0.15	S	20	A			
	OMARA, MIS	3110		4050		113	1	9		38	0.22	L	10	A			
	SPAR MTN, MIS	3130		#		14	0	0		38	LS	7	A				
	MCCLOSKY, MIS	3150	1940	#		161	4	9		36	0.19	L	7	A			
	ST. LOUIS, MIS	3163	1965	180		17	1	1		39	L	X					
	SALEM, MIS	3991	1980	480		31	6	1			L	6					
	ULLIN, MIS	4168	1978	250		15	3	1			L	10					
DAWSON, SANGAMON, 16N, 3W	SILURIAN	1636	1971	20	85.2	2	1	1	1		L	10		SIL	1716		
Add 1972, REV 1982																	
DECATUR, MACON, 16-17N, 2E	SILURIAN	2000	1953	110	0.0	6	0	0	0	37	L	7	MU	ORO	2800		
Add 1959																	
DECATUR N, MACON, 17N, 3E	SILURIAN	2200	1954	10	0.0	1	0	0	0	38	L	10	MU	SIL	2240		
Add 1955																	
*DEERING CITY, FRANKLIN, 7S, 3E		1957		110	2.4	8	0	0	6					MIS	3146		
	AUX VASES, MIS	2810	1957	80		6	0	0	38		S	20					
	MCCLOSKY, MIS	2913	1963	30		2	0	0	34		OL	4					
DEERING CITY E, FRANKLIN, 7S, 3E	MCCLOSKY, MIS	2965	1974	10	1.3	1	0	0	1		L	7		MIS	3117		
DELAND, PIATT, 19N, 5E	SILURIAN	1225	1981	10	0.5	1	0	0	1		L	4		SIL	1255		
DIVERNOM, SANGAMON, 13N, 5W	SILURIAN	1643	1982	20	71.8	2	2	0	2		L	5		SIL	1692		
*DIVIOE C, JEFFERSON, 1S, 3-4E		1943		5050	187.6	345	11	4	184					OEV	4700		
	AUX VASES, MIS	2620	1947	170		11	0	0	38		S	10	A				
	OMARA, MIS	2700	1944	2710		8	0	0			L	10	AL				
	SPAR MTN, MIS	2700	1945	#		20	0	0	38		LS	5	A				
	MCCLOSKY, MIS	2750	1943	#		165	2	1	37	0.21	L	6	AC				
	ST. LOUIS, MIS	2840	1955	400		4	1	0	37		L	7	AC				
	SALEM, MIS	3190	1960	2490		160	8	3	37		L	10	AC				
	ULLIN, MIS	3502	1981	10		1	0	0			L	10					
DIVIDE S, JEFFERSON, 2S, 3-4E	MCCLOSKY, MIS	2880	1948	300	0.3	16	0	0	1	37	L	5		MIS	3580		
DOX S, JEFFERSON, 1S, 2E	BENOIST, MIS	1950	1941	20	0.0	2	0	0	0	35	S	8	N	MIS	2283		
Add 1946																	
*DOLLVILLE, SHELBY, 12N, 2E	BETHEL, MIS	1509	1961	100	0.0	6	0	0	2	37	S	4		MIS	1600		
DUBOIS CEN, WASHINGTON, 3S, 1W		1954		130	4.9	12	0	0	8					OEV	3100		
	BENOIST, MIS	1335	1955	110		12	0	0	30		S	12					
	SPAR MTN, MIS	1530	1954	70		3	0	0	35		L	8					
*DUBOIS C, WASHINGTON, 3S, 1-2W		1939		1570	35.0	132	0	0	89					ORD	4217		
	CYPRESS, MIS	1230	1947	500		44	0	0	37		S	10	AL				
	BENOIST, MIS	1325	1939	490		43	0	0	30	0.26	S	10	AL				



Table 8. continued

POOL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR	AREA PRO- VED IN ACRES	PRODUCTION M BBLs			NUMBER OF WELLS			CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				CUR- ING 1982	TO END OF 1982	COMP- LETED END OF 1982	CD- MPL- IN 1982	AB- AND- ONEO 1982	PROD- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
-----																
*DUOLET, EDGAR, 13-14N, 13W																
-----																
		1948	900	67.2	2616.8	126	3	0	110				M	STP	2997	
UPPER DUOLET, PEN		310	900			24	0	0		25	S	20	ML			
LOWER DUOLET, PEN		410	#			102	3	0		24	S	50	ML			
-----																
DUOLEYVILLE E, BOND, 4-5N, 2-3W																
-----																
DEVONIAN		2370 1954	20	0.0	2.8	2	0	0	0	37	L	5		ORD	3397	
			ABO 1961													
-----																
DUPD, ST. CLAIR, 1N, 15, 10W																
-----																
TRENTON, ORD		700 1928	900	0.0	3006.4	323	0	0	25	33	0.70	L	50	A	CAM	3111
-----																
EAGARVILLE E, MACOUPIN, 8N, 6W																
-----																
PENNSYLVANIAN		621 1980	60	3.1	6.2	4	1	0	4		S	7		PEN	658	
-----																
EBERLE, EFFINGHAM, 6N, 6E																
-----																
		1947	200	2.0	147.5	15	0	0	4				N	MIS	2282	
CYPRESS, MIS		2475 1947	110			9	0	0		37	S	10	NL			
SPAR MTN, MIS		2680	110			2	0	0			LS	5	NC			
MCCLOSKY, MIS		2820 1947	#			4	0	0		38	L	7	N			
			ABO 1967, REV 1973													
-----																
EDINBURG, CHRISTIAN, 14N, 3W																
-----																
LINGLE, DEV		1810 1949	10	0.0	2.3	1	0	0	0	38	L	2	A	DEV	1853	
			ABO 1951													
-----																
EDINBURG S, CHRISTIAN, 14N, 3W																
-----																
MISBARD, DEV		1795 1955	20	0.0	4.4	2	0	0	0	39	LS	13		SIL	1902	
			ABO 1963													
-----																
*EDINBURG W, CHRISTIAN, SANGAMON, 14N, 3-4W																
-----																
		1954	1780	21.7	3101.5	129	0	0	67				A	ORD	2285	
DEVONIAN		1660 1954	60			7	0	0		41	S	6	A			
SILURIAN		1690 1954	1750			124	0	0		41	L	8	A			
-----																
ELBA, GALLATIN, 8S, 8E																
-----																
		1955	250	3.7	39.3	15	0	0	2					MIS	3000	
CYPRESS, MIS		2617 1953	10			1	0	0		37	S					
BETHEL, MIS		2660 1955	80			3	0	0		36	S	10				
RENAULT, MIS		2770	10			1	0	0		36	L	3				
AUX VASES, MIS		2780	120			5	0	0		38	S	5				
OMARA, MIS		2820 1955	80			5	0	0		38	L	11				
			ABO 1960, REV 1980													
-----																
*ELBRIDGE, EDGAR, 12-13N, 11W																
-----																
		1949	440	4.6	1535.8	40	0	0	19				0	TRN	3300	
PENNSYLVANIAN		760 1950	10			2	0	0		30	S	3	0			
FREDONIA, MIS		950 1949	430			37	0	0		35	L	3	0			
DEVONIAN		1950 1949	20			2	0	0		37	L	20	0			
-----																
*ELDORADO C +, SALINE, 8S, 6-7E																
-----																
		1941	3570	68.0	12132.1	299	1	1	37				A	MIS	3606	
DEGONIA, MIS		1700 1976	20			2	0	0			S	16				
PALESTINE, MIS		1920 1950	430			28	0	0		36	S	20	AL			
WALTERSBURG, MIS		2125 1954	1930			145	0	0		38	S	25	AL			
TAR SPRINGS, MIS		2200 1955	270			19	0	0		37	S	15	AL			
MARDINSBURG, MIS		2350 1953	300			30	0	0		38	S	8	AL			
CYPRESS, MIS		2575 1954	270			19	0	0		37	S	8	AL			
SAMPLE, MIS		2680 1954	70			6	0	0		37	S	18	AL			
BENOIST, MIS		2778 1962	#			1	0	1			S	10				
AUX VASES, MIS		2900 1954	920			67	1	0		37	S	12	AL			
OMARA, MIS		2900	90			3	0	0			L	5	AC			
SPAR MTN, MIS		2900	#			2	0	0			LS	4	AC			
MCCLOSKY, MIS		2975 1941	#			2	0	0		39	0.14	L	5	AC		
-----																
*ELDORADO E +, SALINE, 8S, 7E																
-----																
		1953	490	5.0	440.3	36	3	0	11				A	MIS	4133	
PENNSYLVANIAN		530 1981	20			2	1	0			S	8				
PALESTINE, MIS		1915 1954	30			2	0	0		36	S	10	AL			
TAR SPRINGS, MIS		2190 1954	40			3	0	0		35	S	10	AL			
CYPRESS, MIS		2515 1954	100			7	1	0		37	S	20	AL			
AUX VASES, MIS		2885 1953	350			21	0	0		38	S	6	AL			
OMARA, MIS		2918 1982	20			1	1	0			L	4				
SPAR MTN, MIS		2975 1954	#			1	0	0		38	L	4	AC			

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERY SEE PARY II)	PAY IONE		YEAR	AREA PRO- VEO IN ACRES	PRODUCTION M 3BLS		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
	NAME AND AGE	OEP- TH (FY)			OISC- OYER	OUR- ING 1982	TO ENO OF 1982	COMP- LETO ENO OF 1982	CO- MPL- IN 1932	AB- ONEO 1982	PROO- UCING ENO OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- IONE (FY)
ELOORADO W +, SALINE, 8S, 6E																	
		1955		210	66.5	115.0	15	9	0	10					MIS	3138	
	PALESTINE, MIS	1940 1956		40			3	0	0		30	S	18				
	RENAULT, MIS	2910 1955		20			2	0	0		37	L	6				
	AUX VASES, MIS	2960 1955		70			5	3	0		38	L	6				
	OHARA, MIS	2966 1982		110			1	1	0			L	4				
	SPAR MTN, MIS	2994 1982		#			3	3	0			S	13				
	MCCLOSKEY, MIS	3031 1982		#			2	2	0			L	10				
ELK PRAIRIE, JEFFERSON, 4S, 2E																	
		1938		60	0.0	41.1	3	0	0	1					DEV	4600	
	MCCLOSKEY, MIS	2735 1938		60			3	0	0		37	L	7				
	SALEM, MIS	3076 1960		10			1	0	0		37	L	8				
ABO 40,REV 60,ABO 70,REV 81																	
ELKTON, WASHINGTON, 2S, 4W																	
	BAILEY, OEV	2340 1955		40	0.0	2.6	2	0	0	0 40		L	30		DEV	2485	
ABO 1960																	
ELKTON N, WASHINGTON, 2S, 4W																	
	MARON, OEV	2320 1971		160	2.2	80.8	9	0	0	9		S	7		ORO	3275	
ELKVILLE, JACKSON, 7S, 1W																	
	BENOIST, MIS	2000 1941		10	0.0	4.0	1	0	0	1 36	0.22	S	10		SIL	3914	
*ELLERY E, EDWARDS, 2S, 10E																	
		1952		460	10.0	1038.6	39	3	0	10					MIS	4400	
	AUX VASES, MIS	3180 1953		260			25	1	0		36	S	35		ML		
	OHARA, MIS	3255 1952		280			11	0	0		37	L	6		MC		
	SPAR MTN, MIS	3255		#			3	0	0			L	4		MC		
	MCCLOSKEY, MIS	3260 1978		#			3	2	0			L	6				
	ULLIN, MIS	4218 1979		10			1	0	0			L	9				
ELLERY N, EDWARDS, WAYNE, 2S, 9-10E																	
		1942		150	6.2	91.0	11	1	0	5					DEV	5425	
	BEYHEL, MIS	3100 1954		20			2	0	0			S	35		ML		
	AUX VASES, MIS	3230 1954		20			2	0	0			S	12		ML		
	OHARA, MIS	3300 1972		120			3	1	0			L	4				
	SPAR MTN, MIS	3345		#			4	0	0			S	8		ML		
	MCCLOSKEY, MIS	3420 1942		#			2	0	0		37	0.19	L	7	MC		
	SYLCUIS, MIS	3438		10			1	0	0			L	6				
ABO 1943, REV AND ABO 1951, REV 1954																	
ELLERY S, EDWARDS, 2-3S, 10E																	
		1943		160	2.0	183.5	15	1	1	4					MIS	4311	
	AUX VASES, MIS	3200 1947		50			7	0	1		36	S	15		ML		
	MCCLOSKEY, MIS	3300 1943		110			3	1	1		38	L	9		MC		
	ULLIN, MIS	4156 1978		10			1	0	0			L	10				
ABO 1952,REV 53,ABO 59,REV 60 & ABO 60,REV 78																	
ELLIOTYSTOWN, EFFINGHAM, 7N, 7E																	
	SPAR MTN, MIS	2730 1947		10	0.0	13.7	1	0	0	0 39		S	8		HL	MIS	2884
ABO 1951																	
ELLIOTYSTOWN E, EFFINGHAM, 7N, 7E																	
		1954		90	1.6	136.9	7	0	0	1					MIS	3292	
	CYPRESS, MIS	2485 1954		10			1	0	0		35	S	5		ML		
	SPAR MTN, MIS	2750 1962		80			3	0	0			L	10				
	MCCLOSKEY, MIS	2771 1962		#			3	0	0		37	L	8				
ABO 1956, REV 1962																	
*ELLIOTYSTOWN N, EFFINGHAM, 7N, 7E																	
		1953		310	0.2	271.2	19	0	0	3					MIS	3350	
	CYPRESS, MIS	2430 1953		20			2	0	0		36	S	4		ML		
	AUX VASES, MIS	2710 1966		10			1	0	0		37	S	2				
	SPAR MTN, MIS	2666 1964		270			2	0	0			L	3				
	MCCLOSKEY, MIS	2738 1964		#			14	0	0		37	OL	17				
ABO 1953,REV 1964																	
*ENERGY,WILLIAMSON,9S,2E																	
	AUX VASES, MIS	2354 1968		110	4.6	203.7	9	0	0	9		S	16		MIS	2694	
*ENFIELD, WHITE, 5S, 8E																	
		1950		610	57.8	1356.2	43	3	1	19					MIS	4657	
	AUX VASES, MIS	3250 1950		340			23	1	0		39	S	10		AL		
(CONTINUED ON NEXT PAGE)																	

(CONTINUED ON NEXT PAGE)

Table 8. continued

PDDL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (* SECONDARY RECDVERT SEE PART II)	PAY ZONE	YEAR	AREA	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE			DEEPEST TEST	
DEP- TH (FT)	NAME AND AGE	DISC- VERY	PRD- VED IN ACRES	DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- AND- ONED 1982	PRDD- UCING END OF YEAR	GR. API	SUL- FUR- PERC- ENT	KIND OF ROCK	TMI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
*ENFIELD, WHITE, 5S, 8E																	
(CONTINUED FROM PREVIOUS PAGE)																	
	DHARA, MIS	3310	270			5	0	0				L	4	AC			
	MCCLOSKY, MIS	3385 1950	#			11	2	1		37		L	8	AC			
	ULLIN, MIS	4320 1977	30			4	0	0				L	19				
ABD 1951, REV 1952																	
ENFIELD N, WHITE, 5S, 8E																	
		1976	320	90.2	453.1	24	4	1	15						MIS	4500	
	AUX VASES, MIS	3320 1976	290			20	4	0				S	12				
	OHARA, MIS	3400 1976	20			3	0	1				L	6				
	ULLIN, MIS	4385 1977	10			1	0	0									
ENFIELD S, WHITE, 6S, 8E																	
		1961	40	0.3	3.9	3	0	0	1						MIS	4336	
	AUX VASES, MIS	3174 1961	10			1	0	0		39		S	2				
	MCCLOSKY, MIS	3277 1961	40			3	0	0		38		L	6				
ABD 1963, REV 1980																	
EVERS, EFFINGHAM, 8N, 7E																	
		1948	80	0.6	130.7	6	0	0	2					A	ORD	5370	
	SPAR MTN, MIS	2610	70			3	0	0		39		L	7	AL			
	MCCLOSKY, MIS	2660 1948	#			2	0	0				L	4	AC			
	SALEM, MIS	3126 1975	10			1	0	0				L	4				
ABD 1949, REV 1953																	
EVERS S, EFFINGHAM, 7N, 7E																	
	SPAR MTN, MIS	2650 1948	10	0.0	2.4	1	0	0	0	38		LS	8	AC	MIS	2783	
ABD 1951																	
EWING, FRANKLIN, 5S, 3E																	
		1944	220	5.2	545.8	12	0	0	3					A	MIS	3951	
	AUX VASES, MIS	2835 1947	40			3	0	0		38		S	8	AL			
	SPAR MTN, MIS	2950 1981	10			1	0	0				S	10				
	MCCLOSKY, MIS	2970 1944	#			7	0	0		36		L	7	A			
	ST LOUIS, MIS	3170 1981	10			1	0	0				L	5				
	ULLIN, MIS	3790 1981	40			1	0	0				L	6				
ABD 1971, REV 1976																	
EWING E, FRANKLIN, 5S, 3E																	
		1956	260	89.7	303.4	19	3	3	14						ORD	9511	
	DHARA, MIS	3010 1956	10			1	0	0		38		L	10				
	ST LOUIS, MIS	3265 1976	10			1	0	0				L	8				
	SALEM, MIS	3546 1978	20			2	0	3				L	14				
	ULLIN, MIS	3880 1976	250			15	3	0				L	6				
REV 1976																	
EXCHANGE, MARION, 1N, 3E																	
		1943	560	133.2	289.2	38	27	0	36					M	SIL	4908	
	DHARA, MIS	2695	50			23	22	0		37		L	10	MC			
	MCCLOSKY, MIS	2730 1943	#			4	0	0		37		L	8	MC			
	ST LOUIS, MIS	2951 1978	420			4	0	0				L	5				
	SALEM, MIS	3171 1975	170			15	10	0				L	15				
ABD 1967, REV 1975																	
*EXCHANGE E, MARION, 1N, 4E																	
		1955	280	23.1	575.3	21	4	0	6						DEV	4644	
	DHARA, MIS	2775 1955	230			1	0	0				L	14				
	SPAR MTN, MIS	2780	#			3	0	0		37		S	11				
	MCCLOSKY, MIS	2840 1955	#			6	0	0				L	4				
	ST. LOUIS, MIS	2940 1955	20			2	1	0		38		L	8				
	SALEM, MIS	3310 1982	30			3	3	0				L	10				
*EXCHANGE N C, MARION, 1N, 3-4E																	
		1951	280	30.7	881.7	29	4	0	20					MC	MIS	3500	
	SPAR MTN, MIS	2682 1967	230			3	1	0				L	3				
	MCCLOSKY, MIS	2763 1951	#			22	1	0		37		L	6	MC			
	ST LOUIS, MIS	2946 1972	30			2	1	0				L	6				
	SALEM	3080 1967	40			3	1	0		37		L	11	MC			
ABD 1952, REV 1955, ABD 1959, REV 1965																	
*EXCHANGE W, MARION, 1N, 3E																	
		1957	310	5.7	287.8	25	0	0	7						MIS	3309	
	DHARA, MIS	2540 1966	230			1	0	0				L	7				
	SPAR MTN, MIS	2570 1966	#			10	0	0				S	6				
	MCCLOSKY, MIS	2650 1957	#			11	0	0		37		L	6				
	ST LOUIS, MIS	2720 1967	130			8	0	0		38		L	11				

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR OF DISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE		DEEPEST TEST		
	NAME	AGE			OUR- ING 1982	TO END OF 1982	COMP- LETEO TO 1982	CO- MPL- IN 1982	AB- AND- ONEO 1982	PROO- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	TMI- CKN- ESS	SYR- UCT- URE	ZONE	DEP- TM (FT)
*FAIRMAN, MARION, CLINTON, 3N, 1E, 1W																	
	BENOIST, MIS	1435	1939	610	10.2	2149.8	61	0	0	18				A	ORO	4100	
	TRENTON, ORD	3950	1957	480			44	0	0		38	0.27	S	10	A		
				280			13	0	0		40		L	20	A		
FANCER, SHELBY, 10N, 4E																	
	BENOIST, MIS	1749	1962	10	0.0	0.0	1	0	0	0	34		S	3	MIS	1889	
				ABO 1962													
FEMER LAKE, GALLATIN, 9S, 10E																	
	AUX VASES, MIS	2672	1963	10	0.0	4.7	1	0	0	0	36		L	8	MIS	2862	
				ABO 1966													
FERRIN, CLINTON, 2N, 1W																	
	DEVONIAN	2840	1976	10	0.0	0.0	1	0	0	0					ORO	3956	
	TRENTON, ORD	3930	1976	10			1	0	0				L	7			
				10			1	0	0				L	18			
				ABO 1980													
FICKLIN, DOUGLAS, 16N, 8E																	
	SPAR MTN, MIS	1470	1969	70	1.9	38.6	5	0	0	5			S	8	CAM	5301	
FITIGERRELL, JEFFERSON, 4S, 1E																	
	BENOIST, MIS	2760	1944	10	0.0	16.0	1	0	0	0					MIS	3012	
	AUX VASES, MIS	2800		10			1	0	0		37		S	5			
				10			1	0	0		37		S				
				ABO 1952													
*FLORA S, CLAY, 2N, 6E																	
	SPAR MTN, MIS	2962	1982	110	24.1	192.1	8	4	0	4					DEV	4900	
	MCCLOSKEY, MIS	2985	1946	90			1	1	0				S	8			
	SALEM, MIS	3493	1982	#			5	1	0	39			L		AC		
	UL'IN, MIS	3698	1982	10			1	1	0				L	7			
				10			1	1	0				L	9			
				ABO 1961, REV 1962													
FLORA SE, CLAY, 2N, 6E																	
	MCCLOSKEY, MIS	3073	1972	100	4.1	64.2	8	0	0	7			L	5	MIS	3700	
FORSYTH, MACON, 17N, 2E																	
	SILURIAN	2118	1963	1180	74.8	245.1	77	10	2	70	38		L	14	ORO	2890	
FRANCIS MILLS, SALINE, 7S, 7E																	
	CYPRESS, MIS	2675	1952	20	0.7	99.4	2	0	0	2	36		S	5	MIS	3238	
FRANCIS MILLS S, SALINE, 7S 7E																	
	OHARA, MIS	3010	1955	20	0.0	5.6	2	0	0	0					MIS	3180	
	SPAR MTN, MIS	3042	1962	20			2	0	0				L	11			
				#			1	0	0	37			L	6			
				ABO 1957, REV AND ABO 1962													
FREEBURG +, SY. CLAIR, 1-2S, 7W (NOW FREEBURG GAS STORAGE PROJECT)																	
	CYPRESS, MIS	380	1955	20	0.0	X	2	0	0	0	30		S	30	ORO	2008	
FREEMANSPUR, WILLIAMSON, 8S, 2E																	
	AUX VASES, MIS	2500	1968	60	0.0	4.0	3	0	0	0			S	13	MIS	2779	
				ABO 1971, REV 1975, ABO 1979													
FRIENOSVILLE CEN, WABASH, 1N, 13W																	
	BETHEL, MIS	2330	1946	230	6.4	171.6	17	0	0	7					MIS	3400	
	AUX VASES, MIS	2585	1980	50			5	0	0	35			S	15	MC		
	OHARA, MIS	2597	1972	10			1	0	0				S	5			
	SPAR MTN, MIS	2629	1972	180			8	0	0				L	8			
	MCCLOSKEY, MIS	2656	1980	#			3	0	0				S	4			
				#			1	0	0				OL	3			
				ABO 1956, REV 1972													
*FRIENOSVILLE N, WABASH, 1N, 12-13W																	
	BIEMEL, PEN	1620	1946	220	0.5	280.0	20	0	0	2					MIS	2676	
	BETHEL, MIS	2308	1959	220			19	0	0		34		S	12	MC		
				10			1	0	0		35		S	11	M		



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR OF DISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
	NAME	AGE			OUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- AND- ONED 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
FROGTOWN, CLINTON, 2N, 3-4W																	
	CARLYLE(CYP), MIS	950	1918	90	0.0	X	14	0	0	0	32	S	ML	TRN		3290	
ABO 1933, REV 1949, ABO 1956																	
*FROGTOWN N, CLINTON, 2-3N, 3-4W																	
	ST. LOUIS, MIS	1200	1951	440	9.6	2154.5	37	0	0	22			D	SIL		2456	
	DEV-SIL	2250	1951	60			5	0	0	35	L	10	0				
				410			32	0	0	35	L	8	R				
GALATIA N, SALINE, 7S, 5E																	
	AUX VASES, MIS	3216	1980	60	15.7	34.4	4	0	0	4				MIS		4544	
	SPAR MTN, MIS	3391	1980	50			3	0	0		S	5					
				10			1	0	0		S	5					
*GAROS POINT C, WABASH, IN, 14W																	
	OHARA, MIS	2870	1951	1220	109.1	1147.5	73	15	1	53				MIS		4205	
	SPAR MTN, MIS	2880	1981	890			51	4	1	40	L	6	MC				
	MCCLOSKY, MIS	2905	1976	#			1	0	0		S	6					
	SALEM, MIS	3375	1980	#			2	0	0		OL	4					
	ULLIN, MIS	3698	1975	370			23	14	1		L	8					
				10			1	0	0		L	8					
GAYS, MOULTRIE, 12N, 6E																	
	AUX VASES, MIS	1970	1946	90	2.1	113.1	6	0	0	1			M	OEV		3305	
	CARPER, MIS	2963	1963	80			5	0	0	36	S	5	ML				
	DEVONIAN	3205	1955	10			1	0	0	37	S	16					
				10			1	0	0	38	L	3	MC				
ABO 1950,REV 1955																	
*GERMANTOWN E, CLINTON, 1-2N, 4W																	
	SILURIAN	2350	1956	480	15.2	2028.1	33	1	0	29	40	L	30	R	TRN	3310	
*GILA, JASPER, 7-8N, 9E																	
	MCCLOSKY, MIS	2850	1957	490	0.3	1048.8	34	0	0	2	39	OL	3	MC	SIL	4500	
GILLESPIE-WYEN, MACOUPIN, 8N, 6W																	
	UNNAMED, PEN	650	1915	70	1.4	X	23	0	0	2	28	S	X	T	ORO	2560	
GLENARM, SANGAMON, 14N, 5W																	
	SILURIAN	1680	1955	130	0.3	61.1	9	0	0	1	40	L	9		SIL	1821	
ABO 1957, REV 1959, ABO 1960, REV 1961																	
*GOLOENGATE C, WAYNE, WHITE, EDWARDS, 2-4S, 9-10E																	
	CYPRESS, MIS	2942	1960	8230	275.4	18686.8	606	23	5	253			A	OEV		5522	
	BETHEL, MIS	3110	1951	90			4	0	1	36	S	8	A				
	AUX VASES, MIS	3180	1944	360			23	1	0	37	S	11	ML				
	OHARA, MIS	3250	1943	3870			212	5	2	40	0.14	S	15	AL			
	SPAR MTN, MIS	3275		5320			69	4	1	39	OL	6	AC				
	MCCLOSKY, MIS	3310	1939	#			98	8	0	38	LS	7	AC				
	ST. LOUIS, MIS	3430	1952	#			201	10	1	36	0.19	OL	7	AC			
	SALEM, MIS	4130	1975	30			4	0	0	40	L	10	HL				
	ULLIN, MIS	4125	1961	240			16	0	0		L	30					
	OUTCH CREEK, OEV	5346	1961	300			19	2	1	39	L	9	A				
				350			16	0	0	39	S	10					
GOLOENGATE E, WAYNE, 3S, 9E																	
	OHARA, MIS	3290	1951	40	0.6	23.8	3	1	0	2				MIS		4290	
	SPAR MTN, MIS	3340	1976	30			2	1	0	37	L	3					
				10			1	0	0		S	4					
ABO 1957, REV 1968																	
*GOLOENGATE N C, WAYNE, 1-2S, 8-9E																	
	BETHEL, MIS	3095	1952	1060	92.4	803.7	74	10	2	55			M	MIS		4383	
	AUX VASES, MIS	3235	1948	10			2	0	0	38	S	3	ML				
	OHARA, MIS	3300	1945	400			34	0	0	39	S	25	ML				
	SPAR MTN, MIS	3325	1945	810			13	2	0	37	L	4	MC				
	MCCLOSKY, MIS	3350		#			24	5	1	37	L	5	MC				
				#			31	5	1	39	L	6	MC				
GRANOVIEW, EDGAR, 12-13N, 13W																	
	PENNSYLVANIAN	560	1945	100	0.5	8.4	9	0	0	7	30	S	10	M	ORO	2694	

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	OEP- TH (FT)	YEAR OF OISC- OVERY	AREA PRO- VEO IM ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
					OUR- IMG 1982	TO END OF 1982	COMP- LETE TO END OF 1982	CO- MPL- ETED IM 1982	AB- AND- OHEO 1982	PROO- UCING END OF TEAR	SUL- FUR PERC- ENT	KIMO OF ROCK	TMI- CKM- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)	
					NAME	ANO	AGE										
GRAYSON, SALINE, 8S, 7E																	
			1957	80	3.1	28.4	7	1	1	3					MIS	3050	
	CYPRESS, MIS	2515	1957	30			2	0	0		37	S	6				
	AUX VASES, MIS	2913	1961	10			1	0	0		38	L	4				
	SPAR MTH, MIS		1981	50			1	0	1			S					
	MCCLOSKEY, MIS	2920	1957	#			3	1	0		37	L	6				
ABO 1972, REV 1981																	
GREENVILLE GAS +, BONO, 5N, 3W																	
	LINGLE, OEV	2240	1957	10	0.0	0.0	1	0	0	0	38	L	S	A	TRM	3184	
ABO 1958																	
MAOLEY, RICHLAND, 4N, 14W																	
	SPAR MTH, MIS	2970	1976	230	1.5	17.5	13	0	0	10		S	10		MIS	3750	
*HALF MOON, WATME, 1S, 9E																	
			1947	1270	3.8	3290.1	69	1	0	18				M	DEV	5369	
	AUX VASES, MIS	3190	1951	20			1	0	0		38	S	18	ML			
	OHARA, MIS	3280		1240			39	0	0		40	L	11	MC			
	SPAR MTH, MIS	3280	1947	#			11	0	0			L	4	MC			
	MCCLOSKEY, MIS	3300	1947	#			22	0	0		37	L	10	MC			
	SALEM, MIS	3985	1977	20			2	1	0			L	6				
HALF MOON E, EDWARDS, 1S, 10E																	
	MCCLOSKEY, MIS	3375	1982	10	0.0	0.0	1	1	0	1		L	4		MIS	3447	
*MARCO +, SALINE, 8S, 5E																	
			1954	1140	17.1	1923.6	94	0	0	35					MIS	3424	
	MARIONSBURG, MIS	2330	1956	30			1	0	0		36	S	6				
	CYPRESS, MIS	2618	1959	50			4	0	0		38	S	3				
	SAMPLE, MIS	2675	1954	30			4	0	0		39	S	8				
	AUX VASES, MIS	2860	1955	990			75	0	0		41	S	15				
	OHARA, MIS	2965	1956	220			6	0	0			L	10				
	SPAR MTH, MIS	2970	1956	#			8	0	0		39	LS	10				
*MARCO E +, SALINE, 8S, 5E																	
			1955	330	2.8	381.2	30	0	0	8					MIS	3421	
	CYPRESS, MIS	2575	1955	120			12	0	0		38	S	20				
	AUX VASES, MIS	2865	1956	220			13	0	0		38	S	8				
	OHARA, MIS	2880	1955	40			4	0	0		39	L	14				
*HARRISBURG +, SALINE, 8S, 6E																	
			1952	100	0.2	290.5	10	0	0	2					MIS	2930	
	WALTERSBURG, MIS	2020	1955	90			9	0	0		38	S	14				
	YAR SPRINGS, MIS	2115	1952	10			1	0	0		37	S	6				
ABO 1971, REV 1981																	
HARRISBURG S, SALINE, 9S, 6E																	
	CYPRESS, MIS	2300	1955	10	0.0	0.0	1	0	0	0	37	S			MIS	2352	
ABO 1956																	
HARRISBURG W, SALINE, 9S, 6E																	
	TAR SPRINGS, MIS	1944	1974	30	0.0	7.3	3	0	0	1		S	18		MIS	2903	
HARRISTOWN, MACON, 16N, 1E																	
	SILURIAN	2050	1954	1150	202.3	587.3	72	18	0	62	39	L	3	MU	SIL	2200	
HARRISTOWN S, MACON, 16N, 1E																	
	SILURIAN	2140	1975	90	6.0	124.7	7	0	0	3		L	20		SIL	2203	
HATES, DOUGLAS, CHAMPAIGN, 16N, 8E																	
	TRENTON	893	1963	480	0.0	154.7	43	0	0	5	31	L	90		CAM	3430	
MELEMA, LAWRENCE, 2N, 13W																	
	ST. LOUIS, MIS	2978	1969	10	0.0	0.0	1	0	0	0		L	5		MIS	3600	
ABO 1973																	
*MERALO C +, WHITE, GALLATIN, 6-8S, 9-10E																	
			1940	7490	499.6	18224.3	637	47	0	284				A	DEV	5285	
(CONTINUED ON NEXT PAGE)																	

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	DEP- TM (FT)	YEAR OF DISC- VERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
					DUR- ING 1982	TO END OF 1982	COM- PLET- ED 1982	CO- ETEO 1982	AB- ONO- 1982	PRDD- UCING YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TM (FT)		
(CONTINUED FROM PREVIOUS PAGE)																		
*HERALD C +, WHITE, GALLATIN, 6-8S, 9-10E	PENNSYLVANIAN	1060		390				1	0	0		29	S	10	AL			
	PENNSYLVANIAN	1500	1940	#				23	0	0		36	S	15	AL			
	PENNSYLVANIAN	1750		#				5	0	0		29	S	18	AL			
	OEGONIA, MIS	1920	1947	80				3	0	0		36	S	12	AL			
	CLORE, MIS	1965		60				2	0	0		36	S	10	AL			
	PALESTINE, MIS	1940		10				2	0	0		34	S	20	AL			
	WALTERSBURG, MIS	2240	1947	530				46	0	0		33	S	10	A			
	TAR SPRINGS, MIS	2260	1944	740				60	0	0		38	0.24	S	13	A		
	CYPRESS, MIS	2660	1947	2330				191	18	0		35	0.22	S	14	A		
	BETHEL, MIS	2790		220				23	1	0		37	S	11	AL			
	AUX VASES, MIS	2920	1943	3340				260	7	0		38	S	6	AL			
	OHARA, MIS	2965		650				12	3	0		37	L	5	AC			
	SPAR MTN, MIS	3005		#				12	3	0			L	4	AC			
	MCCLOSKY, MIS	3010	1945	#				32	4	0		35	L	10	AC			
	ST LOUIS, MIS	3234	1981	480				26	19	0			L	7				
	SALEM, MIS	3870	1976	20				2	1	0			L	5				
	ULLIN, MIS	3960	1977	20				2	1	0			L	12				
HERRICK S, FAYETTE, 8N, 2E																		
	DEVONIAN	3152	1982	10	0.0	0.0		1	1	0	1		L	14		DEV	3195	
HERRIN, WILLIAMSON, 8S, 2E																		
	CYPRESS, MIS	2221	1965	10	0.0	2.0		1	0	0	0	38	S	9		MIS	2632	
				ABD 1972														
*HICKORY MILL, MARION, 1N, 4E																		
		1964		90	0.0	25.5		7	1	0	1					DEV	4750	
	CYPRESS, MIS	2478	1964	10				1	0	0		36	S	10				
	BENDIST, MIS	2645	1964	20				2	0	0		37	S	7				
	SPAR MTN, MIS	2833	1964	30				3	0	0		37	S	6				
	SALEM, MIS	3220	1982	10				1	1	0			L	15				
				ABD 1972, REV 78, ABD 81														
MIDALGD, JASPER, 3N, 10E																		
		1940		250	12.1	56.9		20	2	1	13					DEV	4246	
	MCCLOSKY, MIS	2575	1940	240				19	2	1		37	0.20	L	4	MC		
	ST LOUIS, MIS	2641	1980	10				1	0	0			L	4				
				ABD 1952, REV 1965														
MIDALGD E, JASPER, 8N, 10E																		
		1966		740	34.0	208.1		50	0	0	50					MIS	3048	
	AUX VASES, MIS	2264	1979	40				3	0	0			S	4				
	SPAR MTN, MIS	2342	1979	700				1	0	0			S	4				
	MCCLOSKY, MIS	2467	1966	#				43	0	0	37		D	6				
MIDALGD N, CUMBERLAND, 9N, 9E																		
		1946		240	1.0	89.6		17	0	0	11					MIS	2807	
	SPAR MTN, MIS	2655	1946	240				11	0	0		37	S	12				
	MCCLOSKY, MIS	2676	1959	#				9	0	0		37	OL	9				
MIDALGD S, JASPER, 8N, 10E																		
		1964		2190	241.6	396.9		130	69	3	122					MIS	3177	
	AUX VASES, MIS	2680	1981	10				1	0	0			S	6				
	SPAR MTN, MIS	2660	1981	2190				20	2	1			S	34				
	MCCLOSKY, MIS	2628	1964	#				112	68	2	37		D	4				
				ABD 1973, REV 1978														
HIGHLAND, MADISON, 4N, 5W																		
	HARDIN, DEV	1941	1960	10	0.0	0.0		1	0	0	0	37	S	7	U	DEV	1933	
				ABD 1962														
MILL, EFFINGHAM, 6N, 6E																		
		1943		80	2.1	60.3		7	0	0	3					MIS	2963	
	AUX VASES, MIS	2530	1978	20				2	0	0			S	3				
	SPAR MTN, MIS	2547	1977	70				1	0	0			S	4				
	MCCLOSKY, MIS	2565	1943	#				4	0	0	39		L	5	N			
				ABD 1950, REV 1970, ABD 1972, REV 1977														
*MILL E, EFFINGHAM, 6N, 6E																		
		1954		500	2.4	1309.6		39	0	0	4					MIS	3293	
	CYPRESS, MIS	2460	1955	290				26	0	0		37	S	8				
	AUX VASES, MIS	2650	1957	10				1	0	0		37	S	10				
	SPAR MTN, MIS	2660	1954	260				2	0	0			L	5				
	MCCLOSKY, MIS	2700	1954	#				10	0	0	40		L	7				
	ST. LOUIS, MIS	2929	1966	10				1	0	0			D	14				

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PARY II)	PAY ZONE	OEP- TH (FY)	YEAR OF DISC- OVERY	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE				DEEPEST TEST	
				AREA PRD- VED IN ACRES	DUR- ING 1982	YO ENO OF 1982	COMP- TO 1982	CD- ETEO 1982	AB- AMO- DMED 1982	PROD- UCING END OF YEAR	SUL- FUR PERC- ENT	KIMO OF ROCK	THI- CKN- ESS	STR- UCY- URE	ZONE	DEP- TH (FT)		
HILLSBORD, MONTGOMERY, 9N, 3W																		
LINGLE, OEV		2012	1962	30 ABD 1967	0.0	0.2	3	0	0	0	36	S	4		DEV	2153		
HOFFMAN, CLINTON, 1N, 2W																		
CYPRESS, MIS		1190	1939	360	7.0	862.8	54	0	0	31				A	DEV	2914		
BENOIST, MIS		1320	1939	190 240			16 39	0 0	0 0		36 33	S 0.21	11 7	A A				
HOLLIDAY, FAYETTE, 9N, 3E																		
DEVONIAN		3150	1977	10 ABD 1978	0.0	0.0	1	0	0	0		S	6		DEV	3237		
HODDVILLE E, HAMILTON, 5S, 7E																		
MCCLOSKEY, MIS		3365	1944	40 ABD 1944, REV 1979, ABD 1982	0.0	0.6	2	0	1	0	37	L	3	N	MIS	4461		
*HORO, CLAY, 5N, 6E																		
AUX VASES, MIS		2702	1950	280	8.1	605.3	20	0	0	3				M	MIS	2954		
STE. GEN, MIS		2800	1950	70 280			6 14	0 0	0 0		38 37	S L	10 5	M M				
HORO N, EFFINGHAM, 6N, 6E																		
CYPRESS, MIS		2430	1958	60 40	3.3	195.4	6 3	0 0	0 0	4					MIS	2860		
AUX VASES, MIS		2633	1959	30			3	0	0		33 38	S S	10					
*HORO S C, CLAY, 5N, 6E																		
AUX VASES, MIS		2735	1942	390	1.4	1804.2	29	1	0	2				M	MIS	3460		
STE. GEN, MIS		2790	1955	50			3	1	0		37	S	8	M				
			1942	390 ABD 1945, REV 1951			27	1	0		36	L	7	MC				
HORNSBY NW, MACDOUPIN, 9N, 6W																		
PENNSYLVANIAN		587	1980	10	0.0	0.0	1	0	0	1		S	30		PEN	617		
HORNSBY S, MACDOUPIN, 8N, 6W																		
PENNSYLVANIAN		640	1956	50 ABD 1957, REV 1959, ABD 1960	0.0	0.0	4	0	0	0	28	S	1		PEN	715		
HOYLEYON W, WASHINGTON, 1S, 2W																		
CLEAR CREEK, OEV		2895	1955	10 ABD 1964	0.0	3.7	1	0	0	0	39	L	12		SIL	2965		
HUEY, CLINTON, 2N, 2W																		
BENOIST, MIS		1260	1945	120 ABD 1974, REV 1982	0.7	6.1	10	3	0	3	34	S	5	AL	DEV	2770		
HUEY S, CLINTON, 1-2N, 2-3W																		
CYPRESS, MIS		1080	1953	310	2.6	287.4	23	0	0	15					SIL	2675		
SILURIAN		2585	1956	190 110			17 6	0 0	0 0		34 40	S L	5 10					
HUNT CITY, JASPER, 7N, 10E																		
SPAR MTN, MIS		2540	1945	50	1.1	3.2	3	1	0	2					MIS	3020		
MCCLOSKEY, MIS		2525	1980	50 #			1 2	0 1	0 0		37	S OL	10 33	ML				
HUNT CITY E, JASPER, 7N, 14W																		
FREONIA, MIS		2030	1952	90	3.0	20.9	8	0	0	1					SIL	3660		
ST. LOUIS, MIS		2187	1966	90 10			8 1	0 0	0 0		40 39	L D	6 20					
HUNT CITY S, JASPER, 7N, 14W																		
SPAR MTN, MIS		2392	1966	110	1.8	22.5	7	0	0	6					DEV	4024		
MCCLOSKEY, MIS		2341	1980	30 #			1 6	0 0	0 0			S L	6 4					



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR	AREA	PRODUCTION		NUMBER OF WELLS					CHARACTER OF OIL		PAY ZONE		DEEPEST TEST		
				PRD- VED	DUR- ING	TD END OF 1982	CDMP- LETED TO END OF 1982	CD- ETED AND 1982	AB- ONED 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND DF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FY)	
																	TH OISC- FT)
HUYTON, COLES, 11N, 10E																	
PENNSYLVANIAN		530 1939	20	0.0	15.0	2	0	0	0	30	S	15		ORD	3437		
			ABD 1946														
ILLIDPDLS, SANGAMON, 15N, 2W																	
SILURIAN		1765 1977	60	1.4	13.3	2	0	0	2		L	3		SIL	1823		
*INA, JEFFERSON, 4S, 2-3E																	
RENAULT, MIS		1938	430	0.0	747.7	28	0	0	0				A	DEV	4630		
AUX VASES, MIS		2725 1954	150			7	0	0		36	S	14	AL				
SPAR MTN, MIS		2682 1958	30			3	0	0		36	S	26	A				
MCCLOSKEY, MIS		2775 1957	110			3	0	0			S	10	A				
ST. LOUIS, MIS		2775	#			4	0	0		35	L	10	A				
SALEM, MIS		3000 1938	90			8	0	0		37	0.20	4	AC				
		3210 1957	40			4	0	0		37		9	A				
			ABD 1946, REV 1954, ABD 1977														
INA N, JEFFERSON, 4S, 3E																	
MCCLOSKEY, MIS		2940 1949	10	0.0	0.7	1	0	0	0	35	L	4		MIS	3639		
			ABD 1950														
INCLOSE +, EDGAR, CLARK, 12N, 13-14W																	
ISABEL, PEN		345 1941	110	0.2	X	15	0	0	4	30	S		AL	MIS	1600		
*INGRAHAM C, CLAY, 4N, BE																	
TAR SPRINGS, MIS		1942	2090	93.0	4707.1	151	6	2	57				M	MIS	3831		
AUX VASES, MIS		2332 1969	13			1	0	0			S	8					
OHARA, MIS		2920	230			19	2	0		38	S	10	ML				
SPAR MTN, MIS		3015 1982	1960			2	2	0			L	5					
MCCLOSKEY, MIS		3000	#			56	3	1		37	0.21	7	MC				
SALEM, MIS		3075 1942	#			77	1	1		37	0.21	8	MC				
		3500 1981	50			5	0	0			L	6					
			ABD 1942, REV 1943, ABD 1944, REV 1950, ABD 1968, REV 1969														
*INMAN E C, GALLATIN, 7-8S, 10E																	
PENNSYLVANIAN		1940	4880	75.3	22497.2	459	3	1	161				A	DEV	5100		
PENNSYLVANIAN		780	90			5	0	0		38	S	10	AF				
DEGONIA, MIS		1450	#			3	0	0			S	4	AF				
CLORE, MIS		1690	90			4	0	0		37	S	10	AF				
PALESTINE, MIS		1725 1942	53			6	0	0		36	S	8	AF				
WALTERSBURG, MIS		1840 1942	90			4	0	0		35	S	13	AF				
YAR SPRINGS, MIS		1930 1942	1270			87	0	0		37	S	18	AF				
HARDINSBURG, MIS		2080 1940	1370			160	0	0		37	0.24	13	AF				
CYPRESS, MIS		2135 1943	280			17	0	0		34	S	10	AF				
RENAULT, MIS		2390	2420			167	1	0		37	0.23	14	AF				
AUX VASES, MIS		2675 1967	20			2	0	0		36	S	5	AF				
OHARA, MIS		2715	830			53	3	1		37	S	3	AF				
SPAR MTN, MIS		2795 1947	160			2	0	0			L	5	AF				
MCCLOSKEY, MIS		2790	#			1	0	0			L	7	AF				
ST. LOUIS, MIS		2800	#			8	0	0		39	L	8	AF				
		2960 1957	40			6	0	0		38	L	10	AF				
*INMAN W C, GALLATIN, 7-8S, 9-10E																	
PENNSYLVANIAN		1940	4040	103.7	9482.0	362	7	2	181				T	MIS	4154		
PENNSYLVANIAN		925	190			5	0	0			S	8	NL				
BIEHL, PEN		1630	#			4	0	0			S	5	NL				
PALESTINE, MIS		1750	#			7	0	0		35	S	12	NL				
WALTERSBURG, MIS		1765 1947	40			4	0	0		35	S	13	NL				
TAR SPRINGS, MIS		2080	130			8	0	0		37	S	10	YL				
HARDINSBURG, MIS		2140 1943	1340			93	0	0		36	S	3	TL				
CYPRESS, MIS		2300 1947	300			22	0	0		32	S	10	TL				
SAMPLE, MIS		2475 1942	2320			177	7	1		37	S	10	T				
RENAULT, MIS		2610	50			1	0	0		36	S	30	Y				
AUX VASES, MIS		2775 1949	30			3	0	0		37	L	7	Y				
OHARA, MIS		2790 1949	990			79	3	1		37	S	15	TL				
SPAR MTN, MIS		2815	300			6	0	0			L	12	TC				
MCCLOSKEY, MIS		2815 1940	#			4	0	0		38	L	8	TC				
ST LOUIS, MIS		2940 1941	#			19	0	0		36	0.19	6	TC				
		3180 1967	10			1	0	0		39	L	6					
IOLA CEN, CLAY, SN, SE																	
CYPRESS, MIS		1954	220	5.0	95.4	19	0	0	10					MIS	2800		
BENDIST, MIS		2277 1972	150			12	0	0			S	15					
		2420 1954	60			6	0	0		36	S	5					
			ABD 1957, REV 1965														
*IOLA C, CLAY, EFFINGHAM, 5-6N, 5-6E																	
TAR SPRINGS, MIS		1939	3690	225.6	16824.0	325	12	1	221				A	DEV	4227		
(CONTINUED ON NEXT PAGE)		1890	20			1	0	0		35	S	9	AL				

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR OF OISC- TN (FT)	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COMP- LETEO TO END OF 1982	CO- ETEO IN 1982	AB- ANO- 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	GR. API	KINO OF ROCK	TNI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TN (FT)
*IOLA C, CLAY, EFFINGHAM, 5-6N, 5-6E																
(CONTINUED FROM PREVIOUS PAGE)																
CYPRESS, MIS		2125 1943	780			52	3	0		35		S	15	A		
BETNEL, MIS		2255 1942	60			5	0	0		36		S	10	AL		
BENOIST, MIS		2290	1300			91	3	1		36	0.14	S	12	A		
RENAULT, MIS		2320	10			1	0	0				L	X	AC		
AUX VASES, MIS		2325 1939	2420			196	1	0		36	0.25	S	10	A		
OHARA, MIS		2410 1963	1670			1	0	0				L	6	A		
SPAR MTN, MIS		2430	#			71	1	0		37		LS	7	A		
MCCLOSKEY, MIS		2425 1940	#			65	7	0		38		OL	10	A		
IOLA S, CLAY, 4N, 5E																
BENOIST, MIS		1947	430	8.3	557.4	33	1	2	11					A	SIL	5075
SPAR MTN, MIS		2490 1948	180			12	0	0		36		S	10	AL		
MCCLOSKEY, MIS		2590	290			11	1	2				L	6	AC		
CARPER, MIS		2650 1947	#			10	0	0		37		L	3	AC		
DEVONIAN		3900 1967	10			1	0	0		38		S	7			
		4238 1980	20			1	0	0				S	8			
IOLA W, CLAY, 5N, 5E																
MCCLOSKEY, MIS		2495 1945	10	0.0	0.5	1	0	0	0	37		L	11	MC	MIS	2613
ADD 1945																
*IRVINGTON, WASHINGTON, 1S, 1W																
BEECH CREEK, MIS		1940	1420	81.8	9800.3	145	0	0	96					A	ORO	4440
CYPRESS, MIS		1525 1951	10			1	0	0		38		L	3	AC		
BENOIST, MIS		1380 1943	430			37	0	0		36		S	12	A		
CLEAR CREEK, DEV		1535 1940	1040			25	0	0		37	0.16	S	12	A		
TRENTON, ORO		3090	370			24	0	0		39	0.27	L	12	A		
		4275 1956	110			6	0	0		39		L	90	A		
*IRVINGTON E, JEFFERSON, 1S, 1E																
PENNSYLVANIAN		1951	340	14.3	1161.6	27	0	0	25						MIS	2222
CYPRESS, MIS		1030 1951	40			5	0	0		32		S	15			
BENOIST, MIS		1750 1955	120			7	0	0		37		S	15			
		1950 1955	200			18	0	0		37		S				
IRVINGTON N, WASHINGTON, 1N, 1S, 1W																
CYPRESS, MIS		1953	310	16.3	1464.6	28	0	1	25					A	ORO	4334
BENOIST, MIS		1340	60			5	0	0		37		S	16	AL		
		1470 1953	250			22	0	1		39		S	6	AL		
IRVINGTON W, WASHINGTON, 1S, 1W																
CYPRESS, MIS		1460 1963	50	0.5	14.3	3	0	0	1	36		S	20		MIS	1909
*IUKA, MARION, 2N, 4E																
AUX VASES, MIS		1947	1140	73.4	1332.6	79	1	0	51					N	DEV	4375
OHARA, MIS		2528 1960	40			3	0	0		37		S	11	N		
SPAR MTN, MIS		2650	670			7	0	0				L	5	NC		
MCCLOSKEY, MIS		2660	#			7	0	0				L	15	NC		
ST. LOUIS, MIS		2750 1947	#			32	1	0		39		L	10	NC		
SALEM, MIS		2775 1952	260			14	1	0		37		L	5	NC		
		2999 1979	380			26	19	0				L	7			
IUKA S, MARION, 2N, 4E																
MCCLOSKEY, MIS		1971	290	19.4	452.9	19	5	1	15						MIS	3295
ST LOUIS, MIS		2680 1971	250			15	2	1				L	5			
SALEM, MIS		2881 1982	10			1	1	0				L	6			
		3237 1981	30			3	2	0				L	11			
IUKA W, MARION, 2N, 3-4E																
MCCLOSKEY, MIS		2700 1955	60	0.4	68.2	5	0	0	2	37		L	5		MIS	3352
JACKSONVILLE GAS F, MORGAN, 15N, 9W																
GAS, PEN, MIS		1910	90	0.0	2.0	11	0	0	1						ORO	1390
MCCLOSKEY, MIS		330 1910	80			9	0	0		37		LS	5	ML		
SALEM, MIS		272 1972	10			1	0	0				L	29			
		294 1972	20			2	0	0				L	19			
ABO 1937, REV 1967, ABO 1969, REV 1972																
*JOHNSON N, CLARK, 9-10N, 14W																
KICKAPOO, PEN		1907	2500	X	X	652	4	1	285					AM	ORO	4519
(CONTINUED ON NEXT PAGE)		315	2400			34	0	0				S	X	AM		

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR DEP- TH OF OISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COMP- LETO TO END OF 1982	CO- NPL- ETEO IN 1982	AB- AND- ONEO 1982	PROO- UCING END OF YEAR	SUL- FUR- ENT	KIMO OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- TH (FT)		
*JOHNSON N, CLARK, 9-10N, 14W (CONTINUED FROM PREVIOUS PAGE)																
	CLAYPOOL, PEN	415	#			305	0	0			S	X	AM			
	CASEY, PEN	465	#			206	3	0		32	S	X	AN			
	UPPER PARTLOW, PEN	535	#			51	0	0			S	X	AN			
	MCCLOSKEY, NIS	556	70			X	1	1		35	OL	6	AN			
	CARPER, MIS	1325	300			12	0	0		37	S	X	AM			
	DEVONIAN	1720 1973	10			1	0	0			L	45				
	TRENTON, ORD	2900 1977	180			4	0	0			L	60				
SEE CLARK COUNTY DIVISION FOR PRODUCTION																
*JOHNSON S, CLARK, 9N, 14W																
		1907	2080	X	X	714	4	0	210				AN	DEV	2030	
	CLAYPOOL, PEN	390	2060			40	0	0			S	X	AN			
	CASEY, PEN	450	#			61	0	0		30	S	X	AM			
	UPPER PARTLOW, PEN	490	#			435	0	0		31	S	48	AM			
	LOWER PARTLOW, PEN	600	#			230	4	0		29	S	X	AN			
	AUX VASES, MIS	717 1961	40			1	0	0		35	S	21	A			
	CARPER, MIS	1740 1971	20			1	0	0			S	22				
	DEVONIAN	1920 1975	20			1	0	0			L	X				
SEE CLARK COUNTY DIVISION FOR PRODUCTION																
*JOHNSONVILLE C, WAYNE, 1N, 1S, 6-7E																
		1940	9500	287.7	54504.1	522	9	1	211				A	TRN	6460	
	BETHEL, MIS	2950	30			3	0	0		36	S	12	AL			
	AUX VASES, MIS	3020	3170			179	3	0		38	0.14	S	20	AL		
	OHARA, NIS	3120 1943	8340			34	1	0		38	OL	10	AC			
	SPAR MTN, NIS	3150	#			12	1	0		38	OL	8	AC			
	MCCLOSKEY, NIS	3170 1940	#			455	3	0		38	0.17	OL	15	AC		
	ST. LOUIS, NIS	3256 1961	130			11	1	0		38	L	14	A			
	SALEM, NIS	3852 1960	310			18	6	1		39	L		AC			
	ULLIN, MIS	3933 1980	20			2	0	0			L	5				
JOHNSONVILLE N, WAYNE, 1N, 6E																
		1943	180	0.8	95.6	10	0	0	2				A	NIS	3858	
	OHARA, NIS	3190 1943	180			1	0	0		38	0.17	OL	3	AC		
	SPAR MTN, NIS	3220	#			9	0	0			L	8	AC			
	MCCLOSKEY, MIS	3250 1943	#			1	0	0		38	0.17	OL	3	AC		
ABO 1966, REV 68, ABO 69, REV 80																
*JOHNSONVILLE S, WAYNE, 1S, 6E																
		1942	1310	125.0	1912.1	105	9	0	67				A	NIS	4160	
	AUX VASES, MIS	3060 1942	440			34	5	0		38	S	15	A			
	OHARA, MIS	3160 1977	460			4	0	0			L	5				
	SPAR MTN, NIS	3160	#			5	0	0			L	4	AC			
	MCCLOSKEY, NIS	3200 1942	#			21	1	0		38	L	5	AC			
	ST LOUIS, NIS	3290 1977	20			2	0	0			L	6				
	SALEM, MIS	3772 1975	750			48	3	0			L	30				
*JOHNSONVILLE W, WAYNE, 1N, 1S, 5-6E																
		1942	880	4.5	2324.5	71	0	0	20				M	MIS	3900	
	BETHEL, NIS	2925 1952	40			1	0	0		37	S	7	NL			
	AUX VASES, MIS	2900 1943	440			37	0	0		37	S	6	NL			
	OHARA, NIS	2930	390			5	0	0			L	6	MC			
	SPAR MTN, MIS	3015	#			10	0	0			L	4	MC			
	MCCLOSKEY, NIS	3100 1942	#			19	0	0		40	L	7	MC			
	ULLIN, MIS	3823 1978	10			1	0	0			L	19				
*JOHNSTON CITY E, WILLIAMSON, 8S, 3E																
		1959	290	9.3	1161.8	20	0	0	13					MIS	2997	
	CYPRESS, NIS	2290 1959	130			9	0	0		37	S	20				
	BETHEL, MIS	2500 1975	10			1	0	0			S	5				
	AUX VASES, MIS	2620 1962	260			12	0	0		36	S	10				
	OHARA, NIS	2660 1975	20			1	0	0			L	5				
	SPAR MTN, MIS	2660 1963	#			2	0	0			L	7				
	MCCLOSKEY, MIS	2680 1963	#			1	0	0		38	OL	12				
*JOHNSTON CITY N E, WILLIAMSON, 8S, 3E																
	AUX VASES, MIS	2818 1969	50	1.6	235.2	4	0	0	4		S	16		MIS	3014	
*JUNCTION, GALLATIN, 9S, 9E																
		1939	380	1.2	701.2	32	0	0	7				N	MIS	3600	
	PENNSYLVANIAN	1150 1947	30			4	0	0		35	S	7	NL			
	WALTERSBURG, MIS	1750 1939	300			26	0	0		37	S	14	NL			
	HARDINSBURG, MIS	2120 1949	30			1	0	0		34	S	5	NL			
	CYPRESS, MIS	2275 1954	20			2	0	0		37	S	12	NL			
	MCCLOSKEY, MIS	2730 1955	10			1	0	0		37	L	9	NC			

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE  NAME AND AGE	YEAR OF OISC- YH OVERY (FT)	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS					CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1932	TO END OF 1982	COMP- LETED YO END OF 1982	CO- ETED IN 1982	AB- AND- ONEO 1982	PROD- UCING END OF YEAR	SUL- FUR- PERC- API ENY	KIND OF ROCK	YMI- CKN- ESS	SYR- UCT- URE	ZONE	DEP- TH (FT)		
*JUNCTION E, GALLATIN, 8-9S, 9E																	
		1953	190	6.1	152.3	12	0	0	8						MIS	2970	
WALTERSBURG, MIS		2000 1953	140			8	0	C	37			S	14				
TAR SPRINGS, MISS		2119 1973	10			1	0	0				S	25				
OHARA, MIS		2830 1980	40			3	0	0				L	8				
*JUNCTION N, GALLATIN, 8-9S, 9E																	
		1946	270	1.5	257.8	24	0	0	10					M	MIS	2933	
PENNSYLVANIAN		1565 1947	100			10	0	0	36			S	16	ML			
WALTERSBURG, MIS		1990 1973	80			5	0	0				S	20				
CYPRESS, MIS		2450 1954	30			3	0	0	37			S	10	ML			
AUX VASES, MIS		2725 1946	40			3	0	0	36			S	4	ML			
SPAR MTN, MIS		2860 1955	40			3	0	0	37			L	6	MC			
JUNCTION CITY C, MARION, 2N, 1E																	
		1910	170	0.5	35.2	17	0	0	11					NL	DEV	3346	
OYKSTRA(CUBA), PEN		510 1910	170			11	0	0	32			S	X	NL			
WILSON, PEN		680 1952	4			6	0	0				S	3	NL			
KEENSBURG E, WABASH, 2S, 13W																	
		1939	40	0.0	9.0	3	0	0	0					M	MIS	2802	
OHARA, MIS		2705 1945	40			1	0	0						MC			
MCCLOSKEY, MIS		2710 1939	#			2	0	0	38	0.26		L	10	MC			
			ASD 1947														
*KEENSBURG S, WABASH, 2-3S, 13W																	
		1944	330	11.3	1131.8	31	0	0	17					A	MIS	3475	
PENNSYLVANIAN		1145 1944	150			16	0	0	33			S	15	AL			
CYPRESS, MIS		2385 1951	130			11	0	0	36			S	9	AL			
OHARA, MIS		2715 1944	30			2	0	0	38			L	10	AC			
SALEM, MIS		3200 1973	20			2	0	0				L	8				
*KEENVILLE, WAYNE, 1S, 5E																	
		1945	1410	223.1	4810.3	113	6	0	65					A	DEV	5050	
AUX VASES, MIS		2960 1945	400			29	2	0	37			S	20	AL			
OHARA, MIS		3050 1946	500			5	0	0				L	8	AC			
SPAR MTN, MIS		3060	#			4	2	0				L	10	AC			
MCCLOSKEY, MIS		3100	#			30	1	0	37			L	7	AC			
ST LOUIS, MIS		3238 1982	10			1	1	0				L	7				
SALEM, MIS		3620 1977	380			53	1	0	37			L	8				
DEVONIAN		5005 1982	10			1	1	0	37			L	8				
KEENVILLE C, WAYNE, 1S, 5E																	
		1951	140	4.9	125.5	10	0	1	5						MIS	3982	
SPAR MTN, MIS		3075 1967	90			1	0	0						4			
MCCLOSKEY, MIS		3120 1951	#			6	0	0	37			L	10				
ST LOUIS, MIS		3190 1967	10			2	0	0	39			L	10				
SALEM, MIS		3709 1977	60			6	0	1				L	10				
KELL, JEFFERSON, 1S, 3E																	
		1942	50	0.0	14.0	5	0	0	0	37	0.26	L		A	MIS	3000	
MCCLOSKEY, MIS		2625 1942	50														
			ASD 1944, REV 1958, ASD 1962														
KELL E, JEFFERSON, MARION, 1N-1S, 3E																	
		1979	220	22.0	143.5	13	0	2	16						MIS	3511	
MCCLOSKEY, MIS		2640 1981	10			1	0	1				L	2				
ST LOUIS, MIS		2841 1979	170			15	0	1				L	8				
SALEM, MIS		3072 1980	50			5	0	0				L	3				
KELL N, MARION, 1N, 3E																	
		1976	90	5.0	12.4	8	1	C	8						MIS	3118	
SPAR MTN, MIS		2420 1982	10			1	1	0				S	3				
ST LOUIS, MIS		2695 1976	20			2	0	0				L	4				
SALEM, MISS		2770 1976	80			7	0	0				L	4				
KELL S, MARION, 1N, 2E																	
		1962	10	0.0	0.8	1	0	0	0	38		OL	6		MIS	2475	
MCCLOSKEY, MIS		2354 1962	10														
			ASD 1964														
KELLERVILLE, ADAMS, BROWN, 1-2S, 5W																	
		1959	690	2.6	239.3	63	1	0	21	37		0	7	AC	SYP	1075	
SILURIAN		637 1959															



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR DEP- TH OF OISC- OVER	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
	NAME	AGE			DUR- ING 1982	TO END OF 1982	COMP- LETE TO END OF 1982	CO- MPL- ETEO IN 1982	AB- AND ONE END OF 1982	PROO- UCING END OF YEAR	GR. API	SUL- FUR- PERC- ENT	KIND CF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
*KENNER, CLAY, 3N, 5-0E																	
	TAR SPRINGS, MIS	2200	1945	1300	17.7	2530.4	110	1	0	25						SIL	4970
	BENOIST, MIS	2690	1942	710			1	0	0		37	0.22	S	7	AL		
	RENAULT, MIS	2761	1959	240			57	0	0		37		S	10	A		
	AUX VASES, MIS	2835	1943	350			17	0	0		37		S	9	A		
	SPAR MTN, MIS	2875	1947	170			47	0	0		38		S	9	AL		
	MCCLOSKEY, MIS	2930	1945	#			6	0	0				LS	5	AC		
	ST. LOUIS, MIS	2978	1964	10			7	1	0		37		L	7	AC		
	CARPER, MIS	4221	1959	10			1	0	0		37		L	4			
	DEVONIAN	4424	1959	40			1	0	0		39		S	10	A		
							2	0	0		36		L	SS	A		
*KENNER N, CLAY, 3N, 0E																	
	BENOIST, MIS	2755	1947	390	0.0	888.6	36	0	0	1						DRD	6032
	MCCLOSKEY, MIS	2970	1947	80			31	0	0		37		S	8	A		
							5	0	0		37		L	6	AC		
KENNER S, CLAY, 2N, SE																	
	BENOIST, MIS	2730	1967	40	0.0	20.0	6	0	0	0						DEV	4752
	AUX VASES, MIS	2768	1971	20			2	0	0		37		S	5	A		
	MCCLOSKEY, MIS	2870	1950	10			1	0	0				S	6			
				30			4	0	0		37		L	10	AC		
A80 1952, REV 1967, A80 1978																	
*KENNER W, CLAY, 3N, SE																	
	CYPRESS, MIS	2600	1947	410	3.3	2124.2	35	0	0	6						DEV	4890
	BENOIST, MIS	2705	1947	350			27	0	0		37		S	26	A		
	RENAULT, MIS	2802	1960	230			16	0	0		38		S	9	A		
	AUX VASES, MIS	2837	1960	10			1	0	0		37		S	10	A		
	MCCLOSKEY, MIS	2870	1947	110			8	0	0		38		S	24	A		
				20			2	0	0		38		L	4	A		
KEYESPORT, CLINTON, 3N, 2W																	
	BENOIST, MIS	1180	1949	180	0.2	176.9	20	0	1	12	35		S	3	AL	MIS	1356
*KINCAID C, CHRISTIAN, 13-14N, 3W																	
	CEDAR VALLEY, DEV	1800	1955	2620	83.1	5687.1	148	0	0	100						MU	1971
	SILURIAN	1874	1959	2620			147	0	0		33		JS	19	MU		
				10			1	0	0		38		D	7			
*KING, JEFFERSON, 3-4S, 3E																	
	RENAULT, MIS	2718	1959	1430	3.3	3745.8	112	0	0	32						ORD	6015
	AUX VASES, MIS	2725	1942	10			1	0	0		39		S	x	A		
	OHARA, MIS	2765	1942	1380			104	0	0		39	0.17	S	15	AL		
	SPAR MTN, MIS	2815		320			11	0	0				L	10	AC		
	MCCLOSKEY, MIS	2840	1942	#			7	0	0		40	0.16	LS	10	AC		
				#			4	0	0				L	5	AC		
KING N, JEFFERSON, 3N, 3E																	
	OHARA, MIS	2875	1981	60	22.0	22.6	4	4	0	4						MIS	4050
	MCCLOSKEY, MIS	2910	1981	60			1	1	0				L	3			
	ST LOUIS, MIS	3070	1981	#			4	4	0				L	5			
				10			1	1	0				L	0			
KINMUNOY, MARION, 4N, 2-3E																	
	BENOIST, MIS	1915	1950	EO	0.9	96.3	7	0	0	3						DEV	3650
	SALEM, MIS	2430		20			2	0	0		34		S	3	A		
	CARPER, MIS	3394	1962	10			1	0	0		36		L	7	A		
				50			4	0	0		37		S	17			
A80 1960, REV 1962																	
KINMUNDY N, MARION, 4N, 3E																	
	BENOIST, MIS	2050	1953	10	0.0	2.9	2	0	0	0	34		S	5		MIS	2331
A80 1954, REV 1951, A80 1974																	
LACLEDE, FAYETTE, 5N, 4E																	
	BENOIST, MIS	2335	1943	50	2.1	36.6	7	1	0	2	36	0.18	S	15	A	MIS	3256
LAKEWOOD, SHELBY, 10N, 2-3E																	
	BENOIST, MIS	1690	1941	120	2.5	294.8	12	0	0	3						SIL	3127
	AUX VASES, MIS	1720	1941	70			7	0	0		30		S	7	AL		
				50			5	0	0		32	0.23	S	8	AL		

Table 8. continued

PODL, COUNTY, LOCAYION BY TOWNSHIP AND RANGE (+ SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR OF DISC- OVERY	AREA PRD- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
	NAME AND AGE	DEP- TH (FT)			DUR- ING 1982	TO END OF 1982	CDMP- LETED TO END OF 1982	CO- EYED IN 1982	AB- AND- DNED 1982	PROD- UCING END OF YEAR	GR. API	SUL- FUR- PERC- ENT	KIND OF ROCK	YMI- CKN- ESS	SYR- UCTY- URE	ZONE	DEP- TH (FY)
*LANCASTER, WABASH, LAWRENCE, 1-2N, 13W																	
		1940	2070	33.0	5367.3	157	7	0	63					A	DEV	4555	
	TAR SPRINGS, MIS	2050	1959	10		0	0	0		31	S	3	A				
	BETHEL, MIS	2540		980		1	1	0		36	S	14	AL				
	OHARA, MIS	2670	1944	1090		0	0	0			L	10	AC				
	SPAR MTN, MIS	2649	1964	#		10	1	0			L	6					
	MCCLOSKEY, MIS	2690	1940	#		57	4	0		40	0.28	L	7	AC			
	SALEM, MIS	3282	1982	20		2	2	0			L	8					
LANCASTER CEN, WABASH, 1N, 13W																	
		1946	410	41.7	450.8	39	11	2	21					M	MIS	3994	
	AUX VASES, MIS	2770	1981	60		5	4	1			S	12					
	OHARA, MIS	2750	1947	310		9	2	0			L	7	MC				
	SPAR MTN, MIS	2810	1946	#		10	0	0		37	L	7	MC				
	MCCLOSKEY, MIS	2815	1947	#		4	0	0			L	8	MC				
	ST LOUIS, MIS	3010	1980	50		4	2	0			L	6					
	SALEM, MIS	3450	1981	130		10	4	1			L						
			ADD 1961,REV 72,ABO 76,REV 80														
*LANCASTER E, WABASH, 2N, 13W																	
		1944	70	0.0	76.3	5	0	0	1					M	MIS	2750	
	BRIDGEPORT, PEN	1310	1976	60		1	0	0			S	13					
	BUCHANAN, PEN	1410	1976	#		1	0	0			S	5					
	BIEHL, PEN	1745	1944	#		4	0	0		31	S	10	ML				
	SPAR MTN, MIS	2660	1947	10		1	0	0		39	L	6	MC				
			ABD 1975,REV 1976														
*LANCASTER S, WABASH, 1N, 13W																	
		1946	330	12.1	525.0	24	0	0	18					M	MIS	3489	
	BETHEL, MIS	2520	1949	280		19	0	0		36	S	6	ML				
	OHARA, MIS	2670		80		4	0	0			L	6	MC				
	MCCLOSKEY, MIS	2720	1946	#		1	0	0		39	L	12	MC				
LANGEWISCH-KUESTER, MARION, 1N, 1E																	
		1910	120	0.9	41.8	16	0	0	1					N	DEV	3509	
	UNNAMED, PEN	795	1951	10		2	0	0		32	S	X	N				
	CYPRESS, MIS	1600	1910	110		14	0	0		35	S	X	N				
LAWLER, GALLATIN, 9S, 8E																	
	PENNSYLVANIAN	X 1982	X	6.4	6.4	X	X	X	X		S	X					
*LAWRENCE, LAWRENCE, CRAWFORD, 2-SN, 11-13W																	
		1906	37150	X	X	7216	116	18	2820					A	CAM	9261	
	TRIVOLI, PEN	290	11210			19	0	0		28	S	X	A				
	CUBA, PEN	450	#			6	0	0			S	X	A				
	BRIDGEPORT, PEN	800	#			1416	35	6		36	S	40	A				
	LPENNSYLVANIAN	950	#			23	0	0			S	15	A				
	BUCHANAN, PEN	1250	#			588	9	0		33	S	15	A				
	RIDGLEY	1300	#			X	20	0			S	X					
	TAR SPRINGS, MIS	1410	70			8	0	0		34	S	10	A				
	HARDINSBURG, MIS	1570	260			23	11	0		33	S	10	A				
	JACKSON, MIS	1370	1610			335	2	1		33	S	15	A				
	CYP(KIRKWOOD), M	1400	22640			4594	36	2		40	S	30	A				
	SAMPLE, MIS	1600	10070			203	25	2		35	S	9	A				
	BEYM(YRACEY), MIS	1650	#			1015	0	5		38	S	20	A				
	BENDISY, MIS	1695	#			119	16	0		37	S	7	A				
	AUX VASES, MIS	1775	930			72	7	0		38	S	8	A				
	OHARA, MIS	1750	13760			15	0	0			L	8	A				
	SPAR MTN, MIS	1860	#			118	16	0		33	LS	4	A				
	MCCLOSKEY, MIS	1860	#			1194	23	1		40	L	10	A				
	ST. LOUIS, MIS	1660	340			16	1	1		35	L	10	A				
	SALEM, MIS	1955	150			9	0	1		36	L	2	A				
	DEVONIAN	2934	60			14	0	1		39	L	12					
	TRENTON ,DRD	4492	80			1	0	0			L	40					
			SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION														
LAWRENCE COUNTY DIVISION, LAWRENCE, CRAWFORD																	
		1900	38100	2124.3	387262.6	7304	116	18	2851						CAM	9261	
			TOTALS FOR LAWRENCE AND ST. FRANCISVILLE PODLS														
*LAWRENCE W, LAWRENCE, 3N, 13W																	
		1952	960	7.6	558.0	79	0	0	41						MIS	3059	
	PAINT CREEK, MIS	1978	700			9	0	0		35	S	13					
	BETHEL, MIS	2050	#			42	0	0		33	S	15					
	AUX VASES, MIS	2110	70			7	0	0		36	S	8					
	OHARA, MIS	2214	260			1	0	0			L	16					
	SPAR MTN, MIS	2193	#			6	0	0			L	2					
	MCCLOSKEY, MIS	2225	#			16	0	0		40	L	11					

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OEP- TM OISC- (FT) OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS					CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1982	TO ENO OF 1982	COMP- LETED TO ENO OF 1982	CO- MPL- IN 1982	AB- ANO- ONO 1982	PROO- UCING ENO OF YEAR	GR. API	SUL- FUR PERC- ENT	KIND OF ROCK	THICK- NESS	STRUCT- URE	ZONE	OEP- TH (FT)	
*LEXINGTON, WABASH, 1S, 14W																	
		1982	170	0.3	478.2	16	1	0		4				A	DEV	5033	
	CYPRESS, MIS	2585 1953	10			1	0	0		32		S	10	AL			
	BENOIST, MIS	2733 1972	20			2	0	0				S	4				
	OHARA, MIS	2912 1968	130			1	0	0				L	3				
	MCCLOSKEY, MIS	2970 1947	#			12	0	0		38		L	8	AC			
	DEVONIAN	4912 1982	10			1	1	0				L	6				
LEXINGTON N, WABASH, 1S, 14W																	
	STE. GEN, MIS	2915 1951	20	0.0	6.4	3	0	1		0	38		L	4	MC	MIS	3680
ABO 1958, REV 1981, ABO 1982																	
*LILLYVILLE, CUMBERLAND, EFFINGHAM, 8-9N, 6-7E																	
		1946	190	7.5	659.9	15	0	0		9					DEV	4000	
	SPAR MTN, MIS	2433 1968	200			1	0	0				S	6				
	MCCLOSKEY, MIS	2425 1946	#			13	0	0		36		L	10	A			
LILLYVILLE N, CUMBERLAND, 9N, 7E																	
		1974	80	33.3	559.1	5	0	0		5					ORO	6500	
	SPAR MTN, MIS	2405 1974	80			3	0	0				S	7				
	MCCLOSKEY, MIS	2440 1974	#			5	0	0				L	20				
	SALEM, MIS	2840 1974	60			4	0	0				L	5				
	GENEVA, DEV	3825 1974	30			3	0	0				O	10				
LIS, JASPER, 7N, 9E																	
	SPAR MTN, MIS	3022 1964	10	0.0	0.5	1	0	0		0	37		S	5		MIS	3050
ABO 1967																	
LITCHFIELD, MONTGOMERY, 8-9N, 5W																	
	UNNAMED, PEN	660 1886	160	0.0	24.0	19	0	1		0	23	0.24	S	0	STP	3000	
ABO 1904, REV 42, ABO X, REV 81, ABO 82																	
LITCHFIELD S, MONTGOMERY, 8N, 5W																	
	PENNSYLVANIAN	610 1967	80	0.0	0.0	7	0	0		5	23		S	3		DEV	1920
*LIVINGSTON, MADISON, 6N, 6W																	
	PENNSYLVANIAN	535 1948	490	9.3	750.9	72	4	0		28	35		S	15	ML	ORO	2378
*LIVINGSTON S, MADISON, 5-6N, 6W																	
	PENNSYLVANIAN	530 1950	680	17.0	634.1	81	3	1		54	35		S	7	ML	SIL	1886
*LOCUST GROVE, WAYNE, 1N, 9E																	
		1951	180	4.8	265.0	16	1	0		4					MIS	4190	
	AUX VASES, MIS	3215 1951	110			8	0	0		36		S	10				
	OHARA, MIS	3240 1951	70			7	1	0				L	4				
	MCCLOSKEY, MIS	3280 1951	#			1	0	0		37		L	6				
LOCUST GROVE S, WAYNE, 1S, 9E																	
		1953	220	10.7	125.6	15	4	0		4					MIS	4000	
	AUX VASES, MIS	3155 1982	40			3	3	0				S	6				
	OHARA, MIS	3248 1958	180			2	0	0		39		L	6				
	SPAR MTN, MIS	3300 1953	#			6	0	0		37		L	10				
	MCCLOSKEY, MIS	3286 1958	#			5	1	0		39		L	4				
ABO 1971, REV 72, ABO 74, REV 78, ABO 79, REV 82																	
LOGAN, FRANKLIN, 7S, 3E																	
		1966	40	1.9	90.9	4	0	2		0					MIS	4052	
	AUX VASES, MIS	2920 1968	10			1	0	0				S	8				
	SPAR MTN, MIS	3028 1966	20			1	0	1				L	4				
	MCCLOSKEY, MIS	3082 1966	#			1	0	1		34		L	8				
	ST LOUIS, MIS	3380 1981	10			1	0	0				L					
ABO 1982																	
LONG BRANCH, SALINE, HAMILTON, 7S, 6E																	
		1950	110	3.5	339.4	14	2	0		5				A	MIS	4373	
	PALESTINE, MIS	2070 1950	20			2	0	0				S	8	AL			
	CYPRESS, MIS	2745 1951	20			3	0	0		37		S	13	AL			
	AUX VASES, MIS	3095	80			8	2	0		37		S	9	AL			
	MCCLOSKEY, MIS	3220 1950	20			2	0	0		37		L	5	AC			

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERT SEE PART II)	PAY ZONE		TEAR OF DISC- OVERT	AREA PROD- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
	NAME AND AGE	DEP- TH (FT)			DUR- ING 1982	TO END OF 1982	COMP- YD 1982	CO- MPL- ETED 1982	AB- AND- DNED 1982	PROD- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS URE	STR- UCT- URE	ZONE	DEP- TH (FT)
LONG BRANCH S, SALINE, SS, 6E																	
	CTPRESS, MIS	2660	1955	10	0.0	8.9	1	0	0	0		S	8		MIS	3210	
				ABD 1971													
*LOUDEN +, FAYETTE, EFFINGHAM, 6-9N, 2-4E																	
			1937	26040	1664.0	374085.0	2566	38	2	1368				A	PC	8616	
	CTPRESS, MIS	1500		22350			1710	36	1		36	0.25	S	30	A		
	BETHEL, MIS	1540		9970			447	22	0		38	0.24	S	15	A		
	BENOIST, MIS	1550	1937	7370			788	14	0		38	0.20	S	10	A		
	AUX VASES, MIS	1600		1210			39	3	0		37	0.17	S	6	AL		
	MCCLOSKY, MIS	1785	1955	30			2	0	0		37		L	4	AC		
	CARPER, MIS	2630	1952	30			4	0	0		36		S	9	AL		
	GENEVA, DEV	3000	1937	3600			153	2	1		28	0.48	O	15	A		
	YRENTON, DRD	3905	1955	20			2	0	0				L	12	A		
LOUISVILLE, CLAY, 4N, 6E																	
			1974	550	31.2	311.5	43	1	1	24					DEV	4865	
	AUX VASES, MIS	2800	1974	40			4	0	0			S	6				
	RENAULT, MIS	2735	1970	20			2	1	0			S	6				
	SPAR MTN, MIS	2860	1974	540			9	0	1			S	10				
	MCCLOSKY, MIS	2872	1974	#			30	0	0			OL	6				
	SALEM, MIS	3386	1974	20			2	0	0			L	4				
	ULLIN, MIS	3530	1974	10			1	0	0			L	4				
*LOUISVILLE N, CLAY, 4N, 6E																	
			1953	120	1.0	57.3	9	1	0	2				M	SIL	4650	
	AUX VASES, MIS	2755	1953	40			2	0	0		37		S	10	HL		
	SPAR MTN, MIS	2812	1961	30			7	1	0		37		L	9	HL		
				ABD 1956, REV 1962, ABD 1973, REV 1974													
LOUISVILLE S, CLAY, 3N, 6E																	
			1960	20	0.3	1.5	2	0	0	0					SIL	4930	
	AUX VASES, MIS	2823	1960	10			1	0	0		38		S	6			
	DMARA, MIS	2893	1960	10			1	0	0		36		L	2			
				ABD 1967, REV 1976, ABD 1979													
LYNCHBURG, JEFFERSON, 3S, 4E																	
	MCCLOSKY, MIS	3045	1951	60	1.4	329.9	3	0	0	1	38		L	8	AC	3579	
*MCKINLEY, WASHINGTON, 3S, 4W																	
			1940	250	2.1	771.3	30	0	0	5				D	DRD	3983	
	BENOISY, MIS	1050	1940	180			17	0	0		41	0.18	S	5	D		
	SILURIAN	2240		190			12	0	0		40		L	40	R		
MACEDONIA, FRANKLIN, 5S, 4E																	
			1961	30	0.5	9.8	2	0	0	1					DEV	5249	
	SALEM, MIS	4124	1978	20			1	0	0				L	10			
	ULLIN, MIS	4097	1961	10			1	0	0		37		L	12			
				ABD 1965, REV 1978													
*HAIN C +, CRAWFORD, LAWRENCE, JASPER, 5-8N, 10-14W																	
			1906	63830	1614.5	235592.8	12518	199	15	3834					STP	5317	
	CUBA, PEN	510		63030			75	0	0		32		S	X	HL		
	UNNAMED, PEN	750		#			4	0	0				S	5	ML		
	ROBINSON, PEN	950		#			10777	179	12	35			S	25	ML		
	PENNSLVANIAN	1250		#			61	6	0				S	X	HL		
	BARLOW, MIS	1201	1968	10			1	0	0				OL	10			
	CTPRESS, MIS	1480	1954	710			47	2	0		34		S	15	HL		
	PAINT CREEK, MIS	1280		5130			X	0	0		36		S	30	HL		
	BETHEL, MIS	1400		#			195	14	2		36		S	18	HL		
	RENAULT, MIS	1564	1979	290			26	13	3				S	10			
	AUX VASES, MIS	1430		3910			199	13	0	35			S	15	HL		
	SPAR MTN, MIS	1515		800			7	4	0				S	6	MC		
	MCCLOSKY, MIS	1400		#			155	2	3	35			L	X	MC		
	SALEM, MIS	1815	1947	290			14	0	0		37		L	5	MC		
	DEVONIAN	2795	1941	540			19	0	0		40		L	11	MC		
	TRENTON, DRD	3900	1976	430			25	0	0				L	75			
*MAPLE GROVE C, EDWARDS, WAYNE, 1-2N, 9-10E																	
			1943	3360	196.2	5394.0	202	19	1	99				A	DEV	5220	
	AUX VASES, MIS	3145	1943	1050			72	5	1		38		S	15	A		
	DMARA, MIS	3236	1945	2440			24	8	0		27		L	3	AC		
	SPAR MTN, MIS	3250		#			16	6	0				L	1	AC		
	MCCLOSKY, MIS	3260	1943	#			97	0	0		41		L	6	A		
	ST LOUIS, MIS	3500	1977	10			1	0	0				L	6			
	SALEM, MIS	3660	1967	120			9	1	0		39		L	4			
	ULLIN, MIS	4057	1976	30			3	0	0				L	7			

Table 8. continued

POOL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (+ SECONDARY RECOVERY SEE PART II)	PAT ZONE	OEP- TH (FT)	TEAR OF DISC- OVERT	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS			CHARACTER OF OIL			PAT ZONE			DEEPEST TEST	
					OUR- ING 1982	TO END OF 1982	COMP- LETO END OF 1982	CO- MPL- ETEO IN 1982	AB- ANO- ONEO 1982	PROD- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- TH (FT)	
MAPLE GROVE S C, EDWARDS, IN, 10E																	
		1945	980	249.8	745.4	65	17	1	55					MIS	4200		
OMARA, MIS		3260 1951	930			27	6	0		40		L	6				
SPAR MTN, MIS		3275	#			11	7	0				L	6				
MCCLOSKY, MIS		3275	#			29	5	1		38		L	6				
SALEM, MIS		3850 1976	40			3	0	1				L	85				
ULLIN, MIS		4170 1977	10			1	0	0				L	28				
MARCOE, JEFFERSON, 3S, 2E																	
		1938	50	13.9	65.5	5	0	0	5					MIS	3520		
SPAR MTN, MIS		2700 1976	50			1	0	0				S	18				
MCCLOSKY, MIS		2745 1938	#			5	0	0		25	0.54	L	15	MC			
*MARINE, MADISON, 4N, 6W																	
DEV-SIL		1700 1943	2470	76.7	12226.4	148	0	2	111	35	0.28	L	20	R	ORO	2619	
MARINE W, MADISON, 5N, 7W																	
DEVONIAN		1653 1965	100 ABO 1978	0.0	25.2	6	0	0	0	35		L	3		ORO	2355	
MARION, WILLIAMSON, 9S, 3E																	
		1950	20	0.1	0.8	2	0	0	1					MIS	2560		
AUX VASES, MIS		2385 1950	10			1	0	0		40		S	5				
OMARA, MIS		2470 1975	10			1	0	0				L	8				
ABO 1951, REV 1975																	
MARION E, WILLIAMSON, 9S, 3E																	
BETHEL, MIS		2295 1939	10 ABO 1963	0.1	1.2	2	0	0	0	37		S	9		MIS	2642	
MARISSA W, ST. CLAIR, RANDOLPH, 3-4S, 7W																	
CTPRESS, MIS		215 1960	70 ABO 1966	0.0	0.0	3	0	0	0	25		S	3		ORO	2413	
*MARKHAM CITY, JEFFERSON, 2-3S, 4E																	
STE. GEN, MIS		3070 1942	340	20.3	1663.3	19	0	0	4	38	0.08	L	10	A	MIS	4050	
*MARKHAM CITY N, JEFFERSON, WAYNE, 2S, 4-5E																	
		1943	310	4.9	1475.1	23	0	0	8					A	MIS	4035	
AUX VASES, MIS		2950 1944	120			9	0	0		38		S	6	AL			
MCCLOSKY, MIS		3075 1943	310			16	0	0		37	0.24	L	8	AC			
*MARKHAM CITY W, JEFFERSON, 2-3S, 4E																	
		1945	790	123.4	2593.2	67	14	0	29					A	DEV	4950	
AUX VASES, MIS		2905 1945	350			22	3	0		39		S	15	AL			
MCCLOSKY, MIS		3035 1946	390			25	0	0		37		L	7	AC			
SALEM, MIS		3774 1969	540			24	11	0				L	4				
*MARTINSVILLE, CLARK, 9-10N, 13-14W																	
		1907	2630	X	X	402	7	1	173					O	STP	3411	
SMALLOW, PEN		255	2330			10	0	0				S	X	O			
CASEY, PEN		500	#			103	3	0				S	X	O			
MARTINSVILLE, MIS		480	570			33	3	0				L	X	O			
CARPER, MIS		1340	1050			88	1	1		37		S	40	O			
DEVONIAN		1550	700			45	0	0		38		L	X	O			
TRENTON, ORO		2700	520			36	0	0		40		L	X	O			
SEE CLARK COUNTY DIVISION FOR PRODUCTION																	
*MASON N, EFFINGHAM, 6N, 5E																	
		1951	270	2.6	420.9	18	2	0	11					A	SIL	4200	
BENOIST, MIS		2290 1951	180			11	0	0		38		S	13	AL			
AUX VASES, MIS		2355 1951	10			1	0	0		36		S	5	AL			
SPAR MTN, MIS		2390 1951	120			4	0	0				L	18	AC			
MCCLOSKY, MIS		2475	#			4	1	0		37		L	5	AC			
SALEM, MIS		2881 1982	10			1	1	0				L	4				
MASSILON, WAYNE, EDWARDS, 1S, 9-10E																	
		1946	80	0.2	91.4	4	1	1	0					MIS	4125		
OMARA, MIS		3255 1946	70			3	0	0		37		L	6	MC			
SALEM, MIS		3714 1982	10			1	1	1				L	18				
ABO 1953, REV&ABD 1982																	



Table 8. continued

POOL, COUNTY, LOCATION BT TOWNSHIP AND RANGE (+ SECONDARY RECOVERY SEE PART II)	PAY ZONE		YEAR OF DISC- OVERT	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE			DEEPEST TEST	
	NAME AND AGE	DEP- TH (FT)		PRO- VED IN ACRES	OUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- ETEO 1982	AB- AND- 1982	PROD- UCING END OF YEAR	GR- API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
MASSILON S, EDWARDS, 1S, 10E																	
	OHARA, MIS	3315	1947	30	0.0	0.3	1	1	0	1	37	L	9	MC	MIS	3451	
ABO 1947, REV 1982																	
MATTOON, COLES, 11-12N, 7-8E																	
	CTPRESS, MIS	1750	1939	6330	109.1	20667.0	583	2	6	228				A	STP	4915	
	AUX VASES, MIS	1900		3450			266	1	1		39	0.16	S	13	A		
	SPAR MTN, MIS	1950	1944	580			29	0	1		32		S	15	AL		
	MCCLOSKEY, MIS	2010		4870			398	0	5		38	0.21	S	12	A		
	SALEM, MIS	2236	1977	#			9	0	0		37		L	5	AC		
	CARPER, MIS	2236	1977	60			4	0	0				L	6			
	DEVONIAN	2950	1955	540			30	1	0		39		S	10	A		
		3162	1970	30			4	0	0		34			9			
MATTOON N, COLES, 13N, 7E																	
	SPAR MTN, MIS	1902	1960	160	5.1	377.0	12	0	0	3	40	S	12	A	MIS	1978	
MATTOON S, CUMBERLAND, 11N, 7E																	
	CARPER, MIS	3035	1962	60	0.6	5.3	4	1	0	1					MIS	3337	
	DEVONIAN	3252	1982	50			3	0	0		38		S	10			
				10			1	1	0				L	26			
ABO 1966, REV 1982																	
MAUNIE E, WHITE, 6S, 11E																	
	TAR SPRINGS, MIS	2260	1951	80	0.3	65.5	6	0	0	1				AF	MIS	3088	
	AUX VASES, MIS	2870	1951	10			1	0	0		35		S	3			
				70			5	0	0		35		S	20	AF		
ABO 1952, REV 1955																	
MAUNIE N C, WHITE, 5-6S, 10-11E, 14W																	
	PENNSYLVANIAN	1320	1941	2130	12.1	5064.7	179	0	1	46				A	DEV	6119	
	WALTERSBURG, MIS	2305	1952	10			1	0	0		34		S	20	AL		
	TAR SPRINGS, MIS	2350		130			10	0	0		37		S	12	AL		
	HARROINSBURG, MIS	2565		160			10	0	0		35		S	10	AL		
	SAMPLE, MIS	2830		10			1	0	0		36		S	10	A		
	BETHEL, MIS	2820	1941	480			2	0	0		35		S	13	AL		
	RENAULT, MIS	2935		#			30	0	0		35		S	13	AL		
	AUX VASES, MIS	2935		10			1	0	0		36		L	2	AC		
	OHARA, MIS	2930	1943	870			93	0	1		35		S	13	AL		
	SPAR MTN, MIS	2995	1944	390			8	0	0		37		L	4	AC		
	MCCLOSKEY, MIS	3025	1947	#			25	0	0		36		L	4	AC		
	SALEM, MIS	3035	1945	#			24	0	0		33		L	10	AC		
	ULLIN, MIS	3874	1980	40			1	0	0				L				
		3950	1980	40			1	0	0				L				
ABO 1952, REV 1955																	
MAUNIE SOUTH C, WHITE, 6S, 10-11E																	
	BRIEGEPORT, PEN	1400	1941	1760	26.4	7508.4	177	1	0	56				A	DEV	4908	
	BIEM, PEN	1649	1959	180			11	0	0		24		S	7	AL		
	OEGONIA, MIS	1900	1942	#			3	0	0		31		S	X	AL		
	PALESTINE, MIS	2010	1941	130			14	1	0		35		S	10	AL		
	WALTERSBURG, MIS	2210		640			54	0	0		35		S	17	AL		
	TAR SPRINGS, MIS	2270	1942	20			2	0	0		37		S	19	AL		
	CTPRESS, MIS	2590		830			53	0	0		35		S	16	AF		
	BETHEL, MIS	2735		460			31	0	0		36		S	10	AL		
	AUX VASES, MIS	2735		10			1	0	0		37		S	X	AL		
	OHARA, MIS	2845	1941	180			15	0	0		37		S	12	AL		
	SPAR MTN, MIS	2900		40			1	0	0				L	3	AC		
	MCCLOSKEY, MIS	2920		#			4	0	0		35		L	6	AC		
	ST LOUIS, MIS	3293	1975	10			1	0	0				L	9			
	SALEM, MIS	3674	1973	10			1	0	0				L				
	ULLIN, MIS	3964	1975	10			1	0	0				L	6			
ABO 1950, REV 1981																	
MAYBERRY, WATNE, 2-3S, 6E																	
	MCCLOSKEY, MIS	3350	1941	440	73.6	599.7	31	1	0	23					DEV	5435	
	SALEM, MIS	3840	1977	210			15	0	0		39	0.16	L	3	AC		
	ULLIN, MIS	4300	1977	210			11	1	0				L	8			
				70			7	0	0				L	25			
MAYBERRY N, WATNE, 2S, 6E																	
	MCCLOSKEY, MIS	3330	1948	30	0.0	1.4	3	1	0	2					MIS	4311	
	SALEM, MIS	4137	1982	10			1	0	0		39		L	2			
	ULLIN, MIS	4190	1981	20			1	1	0				L				
				10			1	0	0				L	4			
ABO 1950, REV 1981																	
MAYBERRY S, WATNE, 3S, 6E																	
	SALEM, MIS	4180	1981	90	16.8	22.6	5	3	0	5					MIS	4350	
				80			4	3	0				L	6			
(CONTINUED ON NEXT PAGE)																	

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY IONE		YEAR OF OISC- OVERY	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY IONE		DEEPEST TEST		
	NAME	AGE			OEP- TH (FT)	OUR- ING 1982	TO ENO OF 1982	COMP- LETO END OF 1982	CO- MPL- IN 1982	AB- ONO- 1982	PROO- UCING ENO OF YEAR	SUL- FUR API	PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- TH (FT)
(CONTINUED FROM PREVIOUS PAGE)																	
MAYBERRY S, WAYNE, 3S, 6E	ULLN, MIS		4350 1981	10			1	0	0				L	5			
MECHANICSBURG, SANGAMON, 16N, 3W	SILURIAN		1734 1972	150	7.5	222.6	11	0	0	9			L	16	SIL	1800	
*MELROSE, CLARK, 9N, 13W	ISABEL, PEN		840 1953	180	3.5	X	16	0	0	5	35		S	10	PEN	914	
MELROSE S, CLARK, 9N 13W	ISABEL, PEN		865 1953	20	0.0	0.0	2	0	0	0	35		S	7	PEN	888	
				ABO 1959, REV 1964, ABO 1969													
*MILETUS, MARION, 4N, 4E			1947	230	1.1	373.2	17	0	0	5				A	OEV	4000	
	BENOIST, MIS		2140 1947	130			8	0	0		35		S	7	A		
	AUX VASES, MIS		2200 1947	140			8	0	0		36		S	7	A		
	MCCLOSKEY, MIS		2350 1947	50			3	0	0		36		L	5	A		
	CARPER, MIS		3650 1981	10			1	0	0				S	30			
MILLERSBURG, BOND, 4N, 4W	OEVONIAN		2130 1967	20	0.0	10.3	2	0	0	0	38		S	2	DEV	2160	
				ABO 1971													
*MILL SHOALS, WHITE, HAMILTON, WAYNE, 2-4S, 7-8E			1939	3730	204.5	12602.3	315	5	1	136				A	OEV	5606	
	AUX VASES, MIS		3245	2890			214	0	0		36	0.14	S	11	A		
	OHARA, MIS		3320	1220			11	1	0				OL	11	AC		
	SPAR MTN, MIS		3345	#			17	0	0				LS	8	AC		
	MCCLOSKEY, MIS		3375 1939	#			47	0	0		36		OL	5	AC		
	ST. LOUIS, MIS		3546 1960	20			2	1	0		39		L	10	AC		
	SALEM, MIS		3970 1961	700			47	4	1		38		L	4	A		
	ULLIN, MIS		4110 1959	90			7	0	0		38		L	10	A		
	OUTCH CREEK, OEV		5380 1980	20			2	0	0				S	25			
MILLS PRAIRIE, EDWARDS, 1N, 14W	OHARA, MIS		2925 1948	10	0.0	1.9	1	0	0	0	37		L	5	MC	MIS	
				ABO 1952													
MILLS PRAIRIE N, EDWARDS, 1N, 14W	OHARA, MIS		2925 1953	30	0.0	4.9	2	0	0	0	37		L	5	MC	MIS	
				ABO 1956													
MITCHELLSVILLE, SALINE, 10S, 6E			1955	30	0.2	26.4	3	0	0	1					MIS	2452	
	OEGONIA, MIS		1330 1955	10			1	0	0		35		S	6			
	WALTERSBURG, MIS		1505 1955	10			1	0	0		38		S	9			
	CYPRESS, MIS		2107 1973	10			1	0	0				S	20			
*MODE, SHELBY, 10N, 4E			1961	360	17.4	373.7	20	1	0	15					DEV	3265	
	BETHEL, MIS		1682 1961	140			9	0	0		35		S	12			
	BENOIST, MIS		1742 1961	360			13	0	0		34		S	8			
	AUX VASES, MIS		1772 1961	40			3	1	0		37		S	8			
*MONTROSE, EFFINGHAM, 8N, 7E	MCCLOSKEY, MIS		2523 1968	80	6.2	146.5	6	0	0	3			L	7	MIS	3005	
*MONTROSE N, CUMBERLAND, 9N, 7E	MCCLOSKEY, MIS		2500 1969	20	0.1	20.5	2	0	0	2			OL	10	OEV	3980	
*MT. AUBURN C, CHRISTIAN, 15N, 1-2W	SILURIAN		1920 1943	7420	59.9	6868.8	443	2	127	125	37	0.28	L	15	MU	TRN	
*MT. CARMEL ++, WABASH, 1N, 1S, 12W			1939	5010	129.8	19090.4	572	9	1	191				A	DEV	4237	
	BRIDGEPORT, PEN		1370 1946	1210			6	0	0		34		S	20	AL		
	BIHL, PEN		1470	#			72	2	1		36	0.28	S	20	AL		
(CONTINUED ON NEXT PAGE)																	

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR DEP- TH OF (FT) DISC- VERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS			CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CD- MPL- IN 1982	AB- AND- DMED 1982	PROD- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CK- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
MT. CARMEL **	WABASH, 1N, 1S, 12W														
(CONTINUED FROM PREVIOUS PAGE)															
	JORDAN, PEN	1520	#			6	0	0			S	15	AL		
	PALESTINE, MIS	1580	60			5	0	0	35		S	10	AL		
	WALTERSBURG, MIS	1690	30			3	0	0	36		S	10	AL		
	TAR SPRINGS, MIS	1790 1939	450			36	1	0	36		S	13	AL		
	JACKSON, MIS	2020 1945	10			1	0	0			S	25	AL		
	CYPRESS, MIS	2025 1940	3840			347	1	1	38	0.17	S	15	AL		
	SAMPLE, MIS	2095	180			4	0	0	37		S	7	AL		
	BETHLE, MIS	2110	#			13	0	0	35		S	16	AL		
	AUX VASES, MIS	2520 1981	60			4	2	0			S				
	DMARA, MIS	2320	1430			25	2	0	35		OL	5	AC		
	SPAR MYN, MIS	2350	#			17	3	0	39	0.26	S	5	AL		
	MCCLOSKY, MIS	2360	#			68	1	0	37	0.42	OL	6	AC		
	SALEM, MIS	2696 1966	100			7	0	0			L	14			
	ULLIN, MIS	3097 1978	10			1	0	0			L	10			
	FT PATNE, MIS	3561 1979	10			1	0	0			L	61			
MT. ERIE N,	WAYNE, 1N, 9E														
		1944	260	61.0	452.7	20	5	0	7			M	MIS	4131	
	AUX VASES, MIS	3110 1944	140			8	2	0	40		S	8	ML		
	DMARA, MIS	3170 1949	160			3	1	0			L	6	MC		
	MCCLOSKY, MIS	3240 1944	#			7	2	0	37		L	5	MC		
	ABD 1966, REV 1967														
MT. OLIVE *,	MONTGOMERY, 8N, 5W														
	POTTSVILLE, PEN	605 1942	80	0.7	X	7	0	0	5	33	0.16	S	6	A	SIL 1878
MT. VERNON,	JEFFERSON, 3S, 3E														
		1943	250	4.0	409.4	18	0	0	6			A	MIS	3262	
	AUX VASES, MIS	2665 1943	70			5	0	0	36		S	8	A		
	DMARA, MIS	2750 1943	180			2	0	0			L	6	AC		
	MCCLOSKY, MIS	2800 1943	#			13	0	0	39	0.18	L	7	AC		
MT. VERNON N,	JEFFERSON, 2S, 3E														
		1956	30	1.0	67.3	3	0	0	3					MIS	3133
	MCCLOSKY, MIS	2675 1956	20			2	0	0	38		L	6			
	ST LOUIS, MIS	3010 1981	10			1	0	0			L	8			
MURDOCK,	DOUGLAS, 16N, 10E														
	PENNSYLVANIAN	370 1955	10	0.0	0.0	3	0	0	0	36		S	16	PEN	424
	ABD 1957, REV 1961, ABD 1968														
NASHVILLE,	WASHINGTON, 2S, 3W														
		1973	490	55.7	1049.1	37	0	0	29					ORD	3776
	DEVONIAN	2625 1973	40			5	0	0			0	20			
	SILURIAN	2650 1973	480			34	0	0	41		L	40	R		
NASHVILLE N,	WASHINGTON, 1-2S, 3W														
	DEVONIAN	2750 1979	740	183.0	572.4	41	9	0	41		L	X	SIL	2808	
NASDN,	JEFFERSON, 3-4S, 2E														
		1943	30	2.2	57.6	3	0	0	1			ML	MIS	3925	
	DMARA, MIS	2758 1962	30			1	0	0	37		L	4			
	SPAR MYN, MIS	2790 1943	#			2	0	0	37		S	12	ML		
NEW BADEN E,	CLINTON, 1N, 5W														
	SILURIAN	1935 1958	290	7.5	288.3	23	0	0	12	39		L	15	R	SIL 2200
NEW BELLAIR,	CRAWFORD, 3N, 13W														
		1942	140	0.0	10.1	10	0	0	2			M	DEV	2832	
	ISABEL, PEN	650 1952	20			2	0	0	32		S	3	ML		
	CYPRESS	1165 1942	70			5	0	0	29	0.30	S	10	ML		
	AUX VASES, MIS	1280 1956	60			3	0	0			S	20	M		
	ABD 1943, REV 1952, ABD 1954, REV 1956														
NEW CITY,	SANGAMON, 14N, 4W														
	SILURIAN	1730 1954	440	3.0	228.7	39	0	0	8	39		L	11	MU	SIL 1855
NEW CITY S,	CHRISTIAN, 14N, 4W														
	SILURIAN	2008 1963	20	0.0	63.4	2	0	0	0	39		L	17	SIL	1918
	ABD 1974														

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Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR	AREA	PRODUCTION		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				PRO-	M BBLs	COMP-	CO-	AB-	PROO-	SUL-	KINO	THI-	STR-	DEP-		
				VEO	TO	LETO	ETEO	ANO-	UCING	FUR	OF	CKN-	UCT-	ZONE	TH	
(FT)	TH	OISC-	IN	ING	ENO OF	ENO OF	IN	ONEO	ENO OF	GR.	PERC-	OF	ROCK	ESS	URE	(FT)
NEW DOUGLAS S, BOND, 6N, 5W																
PENNSYLVANIAN		640 1957	20	0.0	3.4	2	0	0	0	32		S	7		PEN	705
ABO 1960																
*NEW HARMONY C ++, WHITE, WABASH, EDWARDS, 1N, 1-5S, 13-14W																
		1939	28160	1521.1	166245.0	2882	60	9	1192							
JAMESTOWN, PEN	720		1950			4	0	C		32		S	13	A	SHK	7682
BRIDGEPORT, PEN	1340		#			11	0	1				S	7	AL		
MANSFIELD, PEN	X		#			0	0	0				S	X	AL		
BIEHL, PEN	1850		#			139	0	0		33		S	20	AL		
JORDAN, PEN	1760		#			0	0	0				S	X	AL		
OEGONIA, HIS	1925		150			12	0	0		34		S	10	AL		
CLORE, HIS	1980		100			11	0	0		36		S	10	AL		
PALESTINE, HIS	2000		270			23	0	C		25		S	10	AL		
WALTERSBURG, MIS	2155		1450			140	0	0		36	0.40	S	20	AL		
TAR SPRINGS, MIS	2215		2670			227	2	0		35	0.19	S	26	ALF		
HARROINSBURG, MIS	2290	1958	20			1	0	0		35		L	10	ALF		
CYPRESS, MIS	2570		11210			1096	7	6		35		S	20	ALF		
SAMPLE, MIS	2660		11740			61	0	0		36		S	20	ALF		
BETHEL, MIS	2700		#			931	11	9		37	0.24	S	27	ALF		
RENAULT, MIS	2761		130			11	10	0		34			8			
AUX VASES, HIS	2800		8470			631	1	6		37	0.19	S	15	ALF		
OHARA, HIS	2900		6010			81	12	2		39		OL	6	AC		
SPAR HTN, HIS	2910		#			57	1	1		38		LS	10	AC		
MCCLOSKEY, MIS	2925		#			336	30	0		37	0.33	OL	8	AC		
ST. LOUIS, MIS	3153	1953	1023			71	15	0		36		L	X			
SALEM, MIS	3364	1959	840			63	18	0		37		L	16	AC		
ULLIN, MIS	3755		420			32	7	0		36		L	6	AC		
FORT PAYNE, HIS	4500	1978	710			28	0	1				L				
NEW HARMONY S (ILL), WHITE, 5S, 14W																
		1941	90	0.0	113.3	8	0	0	1							
WALTERSBURG, MIS	2250	1941	30			3	0	0		35		S	18	A	HIS	4620
TAR SPRINGS, MIS	2350		10			1	0	0		36		S	16	AF		
CYPRESS, MIS	2670	1951	10			1	0	0		35		S	8	AF		
BETHEL, MIS	2815		20			2	0	0		36		S	10	AF		
AUX VASES, MIS	3005	1949	10			1	0	0		37		S	7	AF		
MCCLOSKEY, MIS	3010		20			1	0	0		37		L	5	AF		
*NEW HARMONY S (INO) ++, WHITE, 5S, 14W																
		1946	50	0.0	446.4	6	0	0	1							
OEGONIA, MIS	1850		20			2	0	0		35		S	8	T	MIS	3068
PALESTINE, MIS	1955		50			1	0	0		24		S	10	TF		
WALTERSBURG, HIS	2120		50			3	0	0		37		S	30	TF		
*NEW HAVEN C ++, WHITE, 7S, 10-11E																
		1941	780	43.8	2848.5	69	1	1	41							
OEGONIA, MIS	1789	1975	10			1	0	0				S	6	A	HIS	3900
TAR SPRINGS, MIS	2105	1941	330			25	0	1		38	0.27	S	12	AF		
HARROINSBURG, MIS	2245		10			1	0	0		36		S	8	AF		
CYPRESS, MIS	2445	1949	480			25	0	0		39		S	12	AF		
AUX VASES, MIS	2720		130			11	0	0		37		S	15	AF		
OHARA, HIS	2799	1959	170			2	0	0				L	12	A		
SPAR HTN, HIS	2828	1960	#			3	1	0				L	15	A		
MCCLOSKEY, MIS	2820		#			6	0	0		35		OL	6	AC		
NEW HEBRON E ++, CRAWFORD, 6N, 12W																
AUX VASES, HIS	1555	1954	50	0.0	0.3	4	0	0	0	35		S	4		HIS	1571
ABO 1965																
*NEW MEMPHIS, CLINTON, 1N, 1S, 5W																
SILURIAN		1980 1952	940	37.3	2778.6	54	0	0	51	41		L	R	TRN	2900	
NEW MEMPHIS N, CLINTON, 1N, 5W																
DEV-SIL		2050 1954	220	33.5	214.3	15	2	0	14	40		L	15	ORO	2915	
NEW MEMPHIS S, CLINTON, WASHINGTON, 1S, 5W																
SILURIAN		2000 1952	20	0.0	0.7	2	0	0	0	41		L	25	ORO	2914	
ABO 1952, REV 1956, ABO 1961																
*NEWTON, JASPER, 6N, 9E																
STE. GEN, MIS	2950	1944	50	1.0	114.2	6	0	0	1	37		L	6	MC	HIS	3040
ABO 1962, REV 1969																
NEWTON N, JASPER, 7N, 10E																
(CONTINUED ON NEXT PAGE)																

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR DEP- OF TH OISC- (FT) OVERT	PRODUCTION M BBL S			NUMBER OF WELLS			CHARACTER OF OIL		PAY ZONE			DEEPEST TEST		
			AREA PWO- VED IN ACRES	OUR- ING 1982	TO END OF 1982	COMP- LEYED END OF 1982	CO- MPL- ETED 1982	AB- AND- ONE- 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
(CONTINUED FROM PREVIOUS PAGE)																
NEWTON W, JASPER, 7N, 10E	MCCLOSKEY, MIS	2255 1945	100 A60 1943,REV	0.2 1960,A80	9.4 1963,REV	7 1963,REV	0 1976	0	1	37	L	5	MC	MIS	2968	
NEWTON W, JASPER, 6-7N, 9E	SPAR MTN, MIS	1947 2912 1962	690 690	9.7	336.6	46	1	2	19					DEV	4570	
	MCCLOSKEY, MIS	3000 1947	8 A60 1947,REV		1952,A80	36	1	1	38		L	5	MC			
NOBLE W, CLAY, 3N, 3E	BENOIST, MIS	2880 1981	80 10	3.0	24.1	7	1	1	4		S	3		MIS	3712	
	AUX VASES, MIS	1955 1981	10			1	0	0			S	5				
	MCCLOSKEY, MIS	3035 1951	50			4	1	1	36		L	8				
	ST LOUIS, MIS	3395 1982	10			1	1	0			L	5				
	SALEM, MIS	3646 1979	40			4	1	1			L	13				
	ULLIN, MIS	3695 1979	10 A60 1959			1	0	1			L	5				
NORRIS CITY W, WHITE, 6S, 3E	ULLIN, MIS	4204 1978	10	0.5	2.8	1	0	0	1		L	14		MIS	4450	
*OAKDALE, JEFFERSON, 2S, 4E	AUX VASES, MIS	1955 2860 1956	450 370	5.9	887.6	35	1	0	5		S	35		MIS	3850	
	MCCLOSKEY, MIS	2985 1956	110			10	1	0	37		L	5				
*OAKDALE W, JEFFERSON, 2S, 4E	MCCLOSKEY, MIS	1960 2932 1960	180 170	7.3	696.1	14	1	0	7		OL	5		MIS	3630	
	ST LOUIS, MIS	2990 1982	10			1	1	0	37		L	13				
OAKLEY, MACON, 16N, 3E	CEGAR VALLEY, DEV	2285 1954	190 A80 1965,REV	0.5 74,A80	23.4 80,REV	11	1	0	1	37	L	5		DEV	2335	
*OAK POINT, CLARK, JASPER, 9-3N, 14W	ISABEL, PEN	1952 560 1955	790 10	1.9	582.0	64	0	0	30		S	10	M	DEV	2691	
	AUX VASES, MIS	1135 1955	690			50	0	0	37		S	17	ML			
	GARPER, MIS	2220 1952	90			7	0	0			S	X	ML			
OAK POINT W, CLARK, CUMBERLAND, 9N, 11E, 14W	AUX VASES, MIS	1955 1190 1955	130 120	0.3	19.1	13	0	0	9		S	3		MIS	1560	
	SPAR MTN, MIS	X 1980	20			1	0	0	35		S	X				
	MCCLOSKEY, MIS	1270 1981	8			1	0	0			L	4				
OCONEE, SHELBY, 10N, 1E	LINGLE, DEV	2850 1975	70	0.3	25.6	4	0	0	3		S	6		DEV	3139	
*ODIN, MARION, 2N, 1-2E	CYPRESS, MIS	1945 1750 1945	350 340	6.3	1889.6	34	0	0	23		S	13	A	DEV	3597	
	BENOIST, MIS	1912 1963	10			1	0	0	37		S	3				
	MCCLOSKEY, MIS	2085 1957	30			4	0	0	37		L	12	A			
OKAWVILLE, WASHINGTON, 1S, 4W	SILURIAN	2325 1951	50 A60 1969	0.0	63.3	4	0	0	0	40	L	3	R	SIL	2603	
OKAWVILLE NC, WASHINGTON, 1S, 4W	DEV-SIL	2200 1955	220	2.7	192.0	17	0	0	11	40	L			ORO	3070	
*OLO RIPLEY, SONO, 5N, 4W	PENNSYLVANIAN	1954 600 1954	910 890	9.3	581.9	69	2	4	62		S	17	A	ORO	3085	
	BENOIST, MIS	875 1982	10			1	1	0	34		S	5				
	AUX VASES, MIS	941 1964	10			1	0	0	36		S	19				



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OF TH OISC- (FT) OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS					CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				CUR- ING 1982	TO END OF 1982	COMP- LETO TO END OF 1982	CO- MPL- ETEO IN 1982	AB- ANO- ONEO 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)		
OLO RIPLEY N, BONO, SN, 4W																	
	HAROLD, OEV	1991 1962	20	0.0	3.0	1	0	0	0	35	S	1		OEV	2040		
			ABO 1966														
*OLNEY C, RICHLAND, JASPER, 4-SN, 10																	
		1938	3950	22.7	9478.9	231	1	0	29					A	MIS	4030	
	AUX VASES, MIS	2918 1960	90			6	0	0		37	S	X	6	A			
	OHARA, MIS	3005 1943	3860			15	0	0		37	0.19	L	5	A			
	SPAR MTN, MIS	3050 1946	#			77	0	0		37	0.19	L	6	A			
	MCCLOSKEY, MIS	3100 1938	#			141	1	0		37	0.19	L	6	A			
*OLNEY S, RICHLAND, 3N, 10E																	
		1937	1200	15.7	1116.3	72	5	0	25					M	OEV	4910	
	OHARA, MIS	3142 1962	1130			1	0	0			L	4					
	SPAR MTN, MIS	3100	#			39	0	0		36	L	4		MC			
	MCCLOSKEY, MIS	3115	#			42	1	0		37	L	3		MC			
	SALEM, MIS	3820 1981	70			5	4	0			L	6					
*OMAHA E, GALLATIN, 7-8S, 8E																	
		1940	1770	67.4	5497.8	162	0	0	51					O	OEV	5320	
	JAKE CREEK, PEN	335	360			15	0	0		26	S	20		O			
	PENNSYLVANIAN	540	#			5	0	0		19	S	10		O			
	BIHL, PEN	1335 1948	#			7	0	0		22	S	10		O			
	PALESTINE, MIS	1700 1940	410			27	0	0		26	0.24	S	15	O			
	TAR SPRINGS, MIS	1900	170			2	0	0		27	S	15		O			
	HAROLD, MIS	2179 1961	80			6	0	0		29	S	18		O			
	CYPRESS, MIS	2402 1959	150			12	0	0		35	S	12		O			
	PAINT CREEK, MIS	2450 1961	40			1	0	0		37	S	10					
	BETHEL, MIS	2570 1955	#			3	0	0			S	14		O			
	AUX VASES, MIS	2730 1955	390			67	0	0		40	S	20		O			
	OHARA, MIS	2734 1953	350			13	0	0		39	L	14		O			
	SPAR MTN, MIS	2722 1953	#			5	0	0			S	8		O			
	MCCLOSKEY, MIS	2800 1961	#			6	0	0			L	X		O			
*OMAHA E, GALLATIN, 8S, 8E																	
		1946	130	0.0	61.2	11	0	0	1					M	MIS	3037	
	CYPRESS, MIS	2530 1957	30			3	0	0		41	S	6		M			
	AUX VASES, MIS	2790	10			1	0	0		38	S	X		M			
	OHARA, MIS	2855 1946	90			3	0	0		37	L	3		MCF			
	SPAR MTN, MIS	2942 1960	#			1	0	0			L	9		MCF			
	MCCLOSKEY, MIS	2884 1958	#			5	0	0		38	L	10		MCF			
*OMAHA S, GALLATIN, SALINE, 8S, 7-8E																	
		1951	140	0.0	94.3	9	0	0	1					N	MIS	3035	
	CYPRESS, MIS	2535 1953	90			5	0	0		36	S	15		NL			
	AUX VASES, MIS	2870 1955	40			3	0	0		38	S	11		N			
	SPAR MTN, MIS	2865 1951	10			1	0	0		37	L	1		NC			
			ABO 1965, REV 1969														
*OMAHA W, SALINE, GALLATIN, 7-8S, 7-8E																	
		1950	190	19.7	473.2	16	1	0	14					A	MIS	3302	
	CYPRESS, MIS	2600 1950	100			8	1	0		38	S	14		AL			
	SAMPLE, MIS	2600 1967	90			7	0	0		38	S	12					
	AUX VASES, MIS	2800 1950	20			2	0	0		37	S	30		AL			
	MCCLOSKEY, MIS	2910	20			2	1	0		38	L	3		AC			
OMEGA, MARION, 3N, 4E																	
		1946	330	78.4	112.9	23	13	1	16						MIS	3407	
	BENOIST, MIS	2280 1963	40			3	2	0		38	S	3					
	RENAULT, MIS	2360 1982	10			1	1	0			S	6					
	AUX VASES, MIS	2362 1982	20			2	2	0			S	8					
	SPAR MTN, MIS	2470 1982	190			1	1	0			S	6					
	MCCLOSKEY, MIS	2490 1946	#			11	4	0		38	L	10		O			
	SALEM, MIS	2742 1979	70			4	2	1			L	4					
			ABO 1949, REV 1963, ABO 1965, REV 1977														
OPOYKE, JEFFERSON, 3S, 4E																	
		1961	70	0.5	10.1	5	1	0	2						MIS	4000	
	OHARA, MIS	3016 1962	70			1	0	0			L	8					
	MCCLOSKEY, MIS	3074 1961	#			5	1	0		37	OL	20					
			ABO 1967, REV 1979														
*ORCHARDVILLE C, WAYNE, 1N, 5E																	
		1950	540	56.6	856.0	43	4	0	30					A	MIS	4030	
	SAMPLE, MIS	2655 1958	10			1	0	0		36	S			A			
	AUX VASES, MIS	2800 1951	420			32	2	0		36	S	16		AL			
	OHARA, MIS	2880	120			5	0	0		37	L	3		AC			
	MCCLOSKEY, MIS	2905 1950	#			6	0	0			L	5		AC			

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERY SEE PART II)	PAT ZONE NAME AND AGE	YEAR OF TH OISC- OVERY	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE		DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COMP- LETO 1982	CO- MPL- ETO 1932	AB- AND- 1982	PROO- UCING END OF YEAR	SUL- FUR API	PERC- ENT	KINO OF ROCK	THI- CK- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
(CONTINUED FROM PREVIOUS PAGE)																
*ORCHARDVILLE C, WAYNE, 1N, 5E	SALEM, MIS	3320 1980	50				4	2	0				L	6		
ORCHARDVILLE N, WAYNE, 1N, 5E																
	PAINT CREEK, MIS	2655 1956	20	0.6	25.8	2	0	0		1					DEV	4684
	AUX VASES, MIS	2780 1971	10			1	0	0				S	6			
			10			1	0	0				S	4			
			ABO 1964, REV 1971													
*ORIENT, FRANKLIN, 7S, 2E	AUX VASES, MIS	2660 1965	40	1.8	202.3	4	0	0		4	38		S	24	MIS	2850
ORIENT N, FRANKLIN, 7S, 2E																
	AUX VASES	2680 1967	10	0.0	0.3	1	0	0		0	38		S	4	MIS	3049
			ABO 1972													
*OSKALOOSA, CLAT, 3-4N, 5E																
	BENOIST, MIS	2595 1950	610	42.6	2722.4	50	2	1		14				A	SIL	4605
	AUX VASES, MIS	2643 1958	450			40	0	0			37		S	15	A	
	MCCLOSKEY, MIS	2755 1957	170			12	0	0			37		S	X	A	
	DEVONIAN	4400 1981	310			16	0	0			36		L	5	A	
	SILURIAN	4458 1982	30			2	1	1					L	30		
			40			1	1	0					L	14		
*OSKALOOSA E, CLAT, 3N, 5-6E																
	AUX VASES, MIS	2820 1947	30	0.0	35.2	2	0	0		0				A	DEV	4653
	MCCLOSKEY, MIS	2895 1951	20		7.0	1	0	0			37		S	5	AL	
			10		28.0	1	0	0			33		L	4	AC	
			ABO 1954													
OSKALOOSA S, CLAY, 3N, 5E																
	STE GENEVIEVE, MIS	2770 1951	470	57.7	218.7	25	4	1		18						
	DEVONIAN	4356 1980	130			11	0	0		35		L	4	AC	ORD	5848
			340			17	4	1				L	16			
*PANA, CHRISTIAN, 11-12N, 1E	BENOIST, MIS	1470 1951	220	25.7	246.4	15	1	0		10	37		S	8	DEV	2847
PANA CEN, CHRISTIAN, 11N, 1E																
	BENOIST, MIS	1528 1973	360	20.9	73.0	23	4	1		22			S	5	MIS	1661
PANA S, CHRISTIAN, 11N, 1E																
	DEVONIAN	2881 1974	130	0.0	0.1	6	0	0		3			L	5	DEV	2929
PANAMA #, 8DND, MONTGOMERY, 7N, 3-4W																
	GOLCONOA, MIS	705 1940	60	0.2	24.0	6	0	0		1				A	ORO	2950
	BENOIST, MIS	865	40			4	0	0			31		L	12	A	
			30			3	0	0			28		S	12	A	
PANKEYVILLE, SALINE, 9S, 6E																
	CYPRESS, MIS	2250 1956	30	0.0	6.1	2	0	0		0					MIS	2742
	AUX VASES, MIS	2511 1961	20		6.1	2	0	0			37		S	X		
			10			1	0	0			38		S	22		
			ABO 1957, REV 1961, ABO 1961													
PANKEYVILLE E, SALINE, 9S, 7E																
	CYPRESS, MIS	2250 1956	10	0.0	0.0	1	0	0		0					MIS	2604
	PAINT CREEK, MIS	2360 1956	10			1	0	0			37		S	X		
			10			1	0	0			36		S	13		
			ABO 1957													
*PARKERSBURG C, RICHLAND, EDWARDS, 1-3N, 10-11E, 14W																
	PENNSYLVANIAN	2100 1941	6500	306.2	11647.9	420	39	5		147				A	DEV	5128
	WALTERS, MIS	2430 1967	1000			1	0	0			36		S	18		
	TAR SPRINGS, MIS	2430 1950	180			14	1	1			39		S	10	A	
	CYPRESS, MIS	2440 1967	10			1	0	0			36		S	2	A	
	BETHEL, MIS	2830 1942	270			18	5	0			36		S	12	A	
	AUX VASES, MIS	2930 1942	620			44	16	1			35		S	12	A	
	OHARA, MIS	3070	20			2	0	0			37		S	20	A	
	SPAR MTN, MIS	3100	5120			11	1	1					L	10	A	
		3150 1945	#			61	4	0			36	0.34	L	10	A	
(CONTINUED ON NEXT PAGE)																

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OF DISC- OVERY	AREA PRD- VED IN ACRES	PRDUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TD END OF 1982	COMP- LETED TD END OF 1982	CD- MPL- ETE 1982	AB- AND- ONED 1982	PRDD- UCING END OF YEAR	SUL- FUR PERC- ENT	GR. API	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)
				(CONTINUED FROM PREVIOUS PAGE)												
*PARKERSBURG C, RICHLAND, EDWARDS, 1-3N, 10-11E, 14W																
	MCCLOSKY, MIS	3175	1941	#		223	6	1		36	0.31	DL	10	A		
	ST LOUIS, MIS	3330	1981	10		1	0	0				L	7			
	SALEM, MIS	3796	1973	620		43	9	1				L	4			
	ULLIN, MIS	3966	1978	20		2	0	0				L	4			
PARKERSBURG S, EDWARDS, 1N, 14W																
			1948		370	27.4	141.6	25	12	0	19				MIS	3895
	PENNSYLVANIAN	1400	1950	70		6	0	0		35		S	10			
	CYPRESS	2750	1954	10		1	0	0		36		S	X			
	BETHEL, MIS	2815	1948	40		5	2	0		35		S	5			
	DMARA, MIS	3039	1982	80		1	1	0				L	5			
	MCCLOSKY, MIS	3104	1982	#		3	3	0				L	5			
	SALEM, MIS	3690	1981	70		11	7	0				L	10			
PARKERSBURG W, RICHLAND, EDWARDS, 2N, 10E																
			1943		360	2.1	246.2	22	0	0	3			A	MIS	4132
	AUX VASES, MIS	3142	1980	10		1	0	0				S	8			
	DMARA, MIS	3220	1945	330		2	0	0				L	5	AC		
	MCCLOSKY, MIS	3260	1943	#		18	0	0		38		L	6	AC		
	SALEM, MIS	3739	1980	140		2	0	0				L	5			
					ABD 1962, REV 64, ABD 65, REV 76, ABD 78, REV 80											
PARNELL, DEWITT, 21N, 4E																
			1963		670	7.8	281.5	45	0	0	44				TRN	1971
	SONDRA, MIS	671	1963	650		42	0	0		32		S	12			
	DEVONIAN	1100	1964	20		3	0	0		37		S	12			
PASSPORT N, RICHLAND, 5N, 9E																
	AUX VASES, MIS	2940	1959	60	1.3	77.8	5	0	0	2	36	S	10		MIS	3656
*PASSPORT S, RICHLAND, CLAY, 4N, 8-9E																
			1948		160	0.4	172.5	13	1	1	2			A	MIS	3723
	TAR SPRINGS, MIS	2368	1962	10		1	0	0		37		S	9			
	CYPRESS, MIS	2665	1948	90		3	1	0		38		S	15	AL		
	AUX VASES, MIS	2957	1960	10		1	0	0		36		S	3	A		
	SPAR MTN, MIS	3025	1948	40		1	0	0				L	6	AC		
	MCCLOSKY, MIS	3030		#		2	0	0		38		L	8	AC		
	SALEM, MIS	1980		20		1	0	1				L				
PASSPORT W, CLAY, 4N, 8E																
	STE. GEN, MIS	3030	1954	160	0.3	69.7	12	1	1	0	37	L	5	AC	MIS	3640
					ABD 1967, REV 1971, ABD 74, REV 80, ABD 1982											
*PATOKA, MARION, CLINTON, 3-4N, 1E, 1W																
			1937		1560	20.0	14794.7	242	0	0	104			0	DRD	4056
	CYPRESS, MIS	1280		60		8	0	0		39		S	10	D		
	BENOIST, MIS	1410	1937	1000		180	0	0		37	0.16	S	27	D		
	AUX VASES, MIS	1459	1970	40		3	0	0				S	13			
	SPAR MTN, MIS	1550		510		15	0	0		39	0.31	S	9	D		
	GENEVA, DEV	2835	1943	30		3	0	0		40	0.28	O	10	D		
	TRENTON, DRD	3950	1956	630		34	0	0		42		L	25	O		
*PATOKA E, MARION, 4N, 1E																
			1941		580	45.2	5925.2	66	1	0	36			D	DRD	4178
	CYPRESS, MIS	1340	1941	580		56	1	0		36	0.18	S	16	O		
	BENOIST, MIS	1465		50		5	0	0		36	0.23	S	10	D		
	MCCLOSKY, MIS	1635	1953	40		3	0	0		34		L	8	D		
	GENEVA, DEV	2950	1952	20		2	0	0		35		O	30	R		
*PATOKA S, MARION, 3N, 1E																
			1953		1060	33.2	2608.4	88	0	0	67			A	DRD	4041
	CYPRESS, MIS	1350	1953	830		63	0	0		36		S	10	A		
	BENOIST, MIS	1461	1959	230		20	0	0		37		S	15	A		
	SPAR MTN, MIS	1624	1959	50		2	0	0				S	5	A		
	DEVONIAN	2978	1979	40		1	0	0				L	10			
	TRENTON, DRD	3990	1973	200		6	0	0		43		L	18			
PATOKA W, FAYETTE, 4N, 1W																
	BENOIST, MIS	1380	1950	200	0.0	303.6	20	0	0	0	32	S	6	A	MIS	1735
					ABD 1965											

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PARY II)	PAY ZONE	YEAR	AREA	PRODUCTION		NUMBER OF WELLS				CHARACTER		PAY ZONE			DEEPEST	
				VEO	TD	COMP- LEVED	CO- EYED	AB- ANO-	PROO- UCING	OF OIL		KIND	YHI-	STR-	DEP-	
										OF	PERC-					OF
	NAME AND AGE	OEP- YM (FY)	DF OISC- OVERY	IN ACRES	1982	END OF 1982	END OF 1982	END OF 1982	END OF 1982	END OF YEAR	GR. API	SUL- FUR ENT	ROCK	ESS	URE	YH (FT)
*PHILLIPSTOWN C, WHITE, EDWARDS, 3-5S, 10-11E, 14W																
		1939		7630	491.6	32630.8	719	16	1	371					A	DEV 5350
	ANVIL ROCK, PEN	795 1943		1840			1	0	0		36	S	10	AF		
	CLARK-BROGPT, PEN	1350		#			14	0	0		36	S	10	AF		
	PENNSYLVANIAN	1450		#			17	0	0		36	S	10	AF		
	BUCHANAN, PEN	1550		#			26	0	0		30	S	15	AF		
	BIEMEL, PEN	1875		#			86	0	0		33	0.22	S	15	AF	
	KINKAIO, MIS	1954 1961		10			1	0	0			S	17	AF		
	OEGONIA, MIS	1975 1943		310			66	0	0		38	S	15	AF		
	CLORE, MIS	2010 1942		170			16	0	0		34	S	12	AF		
	PALESTINE, MIS	2050 1942		140			14	0	0		32	S	11	AF		
	WALTERSBURG, MIS	2280 1943		270			25	0	0		34	S	11	AF		
	YAR SPRINGS, MIS	2295 1943		1510			120	1	0		35	S	15	AF		
	CYPRESS, MIS	2720 1943		650			55	0	0		36	S	12	AF		
	PAINT CREEK, MIS	2780 1944		1640			7	0	0		37	S	9	AF		
	BEYHEL, MIS	2810 1943		#			116	3	0		36	S	15	AF		
	AUX VASES, MIS	2880 1939		1230			96	0	0		37	S	15	AF		
	OHARA, MIS	3010 1943		2340			34	0	0		36	L	10	ACF		
	SPAR MYN, MIS	2960		#			41	0	0		38	0.21	LS	10	ACF	
	MCCLOSKY, MIS	3000 1939		#			87	1	1		34	0.21	L	6	ACF	
	ST LOUIS, MIS	3120 1976		20			2	0	0			L	20			
	SALEM, MIS	3796 1978		150			10	3	0			L	8			
	ULLIN, MIS	3982 1980		30			3	1	0			L	8			
PINKSTAFF, LAWRENCE, 4N, 11W																
	MCCLOSKY, MIS	1735 1951		10	0.0	0.1	1	0	0	0	37	L	4		MIS 2290	
				ABO 1951												
PINKSTAFF E, LAWRENCE, 4N, 11W																
	STE GEN, MIS	1640 1955		130	1.2	X	9	0	0	5	35	L	6		MIS 2250	
				ABO 1961, REV 1975												
PITTSBURG N +, WILLIAMSON, 8S, 3E																
		1964		40	3.5	85.7	4	0	0	3					MIS 3070	
	BEYHEL, MIS	2459 1972		10			1	0	0			S	8			
	AUX VASES, MIS	2578 1964		30			3	0	0			S	8			
PIXLEY, CLAY, 4N, 8E																
		1959		360	37.5	118.6	23	4	0	21					MIS 3815	
	CYPRESS, MIS	2680 1959		20			2	0	0	35		S	9			
	MCCLOSKY, MIS	3050 1981		20			2	1	0			L	3			
	SALEM, MIS	3538 1980		330			20	4	0			L	3			
				ABO 1960, REV 1980												
PLAINVIEW +, MACOUPIN, 9N, 8W																
	PENNSYLVANIAN	410 1942		20	0.0	2.0	2	1	0	1	34	S	5		PEN 563	
				ABO X, REV 1982												
PLAINVIEW S, MACOUPIN, 8N, 3W																
	PENNSYLVANIAN	444 1959		10	0.0	X	1	0	0	0	34	S	8		PEN 642	
				ABO 1962												
POSEN, WASHINGTON, 3S, 2W																
	TRENTON, ORO	3900 1952		50	2.2	124.0	4	0	0	1	37	L	25	A	ORO 3954	
POSEN N, WASHINGTON, 3S, 2W																
	TRENTON, ORO	4015 1953		10	0.0	3.9	1	0	0	0	37	L	15	AC	ORO 4112	
				ABO 1959												
POSEN S, WASHINGTON, 3S, 2W																
	BENOIST, MIS	1255 1955		70	0.4	X	6	2	0	2	34	S	7		ORO 3980	
				ABO 1959, REV 1982												
POSEY, CLINTON, 1N, 2W																
		1941		340	23.8	585.9	31	0	0	27				M	ORO 3784	
	CYPRESS, MIS	1105 1941		320			29	0	0		36	0.18	S	5	M	
	OEVONIAN	2675 1959		20			2	0	0		38	L	5	M		
POSEY E, CLINTON, 1N, 2W																
	OEV-SIL	2740 1952		520	12.0	708.2	30	1	0	26	38	L	9		DEV 2805	
POSEY W, CLINTON, 1N, 3W																
	OEVONIAN	2585 1954		20	0.3	3.5	2	0	0	1	37	L	15		SIL 2670	
				ABO 1954, REV 1977												

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR OF DISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- AND- DNED 1982	PROD- UCING END OF YEAR	SUL- FUR- PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
PRENTICE +, MORGAN, 16N, 8W																
PENNSYLVANIAN		270 1953	30	0.0	0.0	3	0	0	0	30	S	10		ORD	1513	
PYRAMIO, WASHINGTON, 2S, 1W																
DEVONIAN		1962	130	8.7	52.8	8	2	0	2					ORD	4342	
TRENTON, DRD		3109 1962	110			7	1	0	36		S	6				
		4200 1982	20			1	1	0			L	X				
ABO X, REV 1982																
*RACCDON LAKE, MARION, 1N, 1E																
CYPRESS, MIS		1949	380	7.7	3453.6	47	0	0	13					SIL	3530	
BENDIST, MIS		1625 1949	240			18	0	0		34	S	10	0			
OHARA, MIS		1715 1957	20			2	0	0	37		S	15	DL			
SPAR MTN, MIS		1885 1949	190			1	0	0			L	5	OC			
MCCLOSKY, MIS		1930 1949	#			11	0	0	36		S	12	OC			
DEV-SIL		1950 1949	#			13	0	0	36		L	10	OC			
		3330 1951	270			15	0	0	40		D	10	R			
*RALEIGH, SALINE, 7-8S, 6E																
TAR SPRINGS, MIS		1953	630	23.2	2292.8	55	0	0	11					DEV	5511	
CYPRESS, MIS		2235 1954	20			2	0	0		35	S	23	A			
PAINT CREEK, MIS		2550 1953	450			39	0	0		34	S	12	A			
AUX VASES, MIS		2738 1958	10			1	0	0		34	S	5	A			
OHARA, MIS		2905 1953	100			11	0	0	38		S	5	A			
SPAR MTN, MIS		3054 1959	50			1	0	0			L	3	A			
MCCLOSKY, MIS		3025 1957	#			2	0	0	38		LS	10	A			
		3045 1974	#			1	0	0			DL	4				
*RALEIGH S +, SALINE, 8S, S-6E																
WALTERSBURG, MIS		1955	570	63.1	1682.0	48	0	0	25					MIS	4400	
BETHEL, MIS		2046 1959	60			4	0	0		39	S	10				
AUX VASES, MIS		2739 1958	10			1	0	0		37	S	3				
SPAR MTN, MIS		2860 1955	470			43	0	0	40		S	16				
MCCLOSKY, MIS		2950 1981	30			1	0	0			S	10				
		2960 1974	#			2	0	0			OL	13				
RAYMOND, MONTGOMERY, 10N, 4-5W																
POTTSVILLE, PEN		590 1940	60	0.5	33.5	10	0	0	3	35	0.22	S	10	ML	DEV	2049
*RAYMOND E, MONTGOMERY, 10N, 4W																
PENNSYLVANIAN		595 1951	60	0.6	34.2	5	0	0	2	34		S	10		MIS	1008
RAYMOND S, MONTGOMERY, 10N, 4W																
UNNAMED, PEN		603 1959	10	0.0	0.0	1	0	0	0	34		S	6		PEN	680
ABO 1959																
*RESERVOIR, JEFFERSON, 1S, 3E																
SPAR MTN, MIS		1950	550	39.2	661.1	35	6	0	22					MC	DEV	4304
MCCLOSKY, MIS		2443 1959	430			7	1	0			S	7	M			
SALEM, MIS		2700 1950	#			21	1	0	37		L	6	MC			
		3034 1961	120			3	4	0	39		L	12	M			
*RICHVIEW, WASHINGTON, 2S, 1W																
CYPRESS, MIS		1500 1946	780	29.9	3084.6	85	0	0	59	39		S	12	AL	MIS	3291
RIDGWAY, GALLATIN, 8S, 3E																
PALESTINE, MIS		1946	20	0.0	0.1	2	0	0	0					MC	MIS	2938
MCCLOSKY, MIS		1730 1955	10			1	0	0		30		S	18	ML		
		2840 1946	10		0.1	1	0	0		38		L	6	MC		
ABO 1946, REV 1955, ABO 1956																
RIFFLE, CLAY, 4N, 6E																
SPAR MTN, MIS		2735 1948	100	0.0	80.9	6	0	0	1	36		L	7	MC	MIS	3258
ABO 1941, REV 1981																
RINARD C, WAYNE, 2N, 7E																
OHARA, MIS		1937	310	1.5	379.6	24	0	0	5					M	MIS	3950
SPAR MTN, MIS		3132 1977	300			1	0	0			L	6				
MCCLOSKY, MIS		3135	#			1	0	0			L	6	MC			
SALEM, MIS		3140 1937	#			21	0	0	39		L	5	MC			
		3561 1976	10			2	0	0			L	25				



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (• SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR OF OISC- OVERY	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			OEEPEST TEST	
				OUR- ING 1982	TO ENO OF 1982	COMP- LETED TO ENO OF 1982	CO- MPL- ETO 1982	AB- ANO- 1982	PROO- UCING END OF YEAR	GR. API	SUL- FUR- PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)
RINARD S, WAYNE, 1N, 5E																
SPAR MTN, MIS	3268	1965	10 ABO 1966	0.0	0.8	1	0	0	0	39	L	4		MIS	3863	
RITTER, RICHLAND, 3N, 10-11E																
STE. GEN, MIS	3215	1950	110 ABO 1960, REV 1961	0.7	268.3	6	0	0	1	38	L	5		MIS	3925	
*RITTER N, RICHLAND, 3N, 11E																
OMARA, MIS	3203	1951	180	0.0	161.3	11	0	0	0					MIS	3288	
SPAR MTN, MIS	3215	1952	#			1	0	0	39		L	5				
MCCLOSKEY, MIS	3205	1951	#			3	0	0			L	5				
ABO 1967																
RIVERTON S, SANGAMON, 15N, 4W																
SILURIAN	1590	1965	40	0.7	94.1	3	0	0	3	38	D	3		SIL	1670	
ROACHES, JEFFERSON, 2S, 1E																
		1938	310	9.3	674.8	22	0	0	9					AEV	3840	
BENOIST, MIS	2000		40			6	C	C	38		S	X	A			
OMARA, MIS	2170	1942	260			4	0	G	37	0.22	L	5	AL			
SPAR MTN, MIS	2190	1938	#			11	0	0	37	0.22	L	12	AC			
MCCLOSKEY, MIS	2250	1938	#			6	0	0	37	0.22	L	4	AC			
ST LOUIS, MIS		1980	10			2	0	0			L	X				
*ROACHES N, JEFFERSON, 2S, 1E																
BENOIST, MIS	1925	1944	430	3.8	1142.7	38	1	1	4				A	TRN	4996	
SPAR MTN, MIS	2115	1944	100			6	0	0	34		S	7	A			
ST LOUIS, MIS	2420	1982	10			1	1	1			L	5	AC			
TRENTON	4852	1962	10			1	0	0	42		L	44				
ROBT, SANGAMON, 15N, 3W																
SILURIAN	1775	1949	390 ABO 1951, REV 1954	7.8	426.3	23	1	0	15	38	L	5	MU	SIL	1905	
ROBY E, CHRISTIAN, SANGAMON, 15N, 2-3W																
DEVONIAN	1757	1970	1760	149.6	1821.3	112	1	1	74					SIL	1923	
SILURIAN	1840	1970	20 1770			2	0	0			S	2				
						111	1	1			L	20				
ROBY N, SANGAMON, 16N, 3W																
SILURIAN	1699	1962	60 ABO 1964, REV 71, ABO 73, REV 79	0.0	19.2	5	0	0	1	38	L	4		TRN	2300	
ROBY N, SANGAMON, 15N, 3W																
HIBBARO, OEV	1655	1957	40 ABO 1963, REV 1967	0.1	7.1	4	0	0	3	37	S	5	MU	TRN	2259	
*ROCHESTER ++, WABASH, 2S, 13W																
PENNSYLVANIAN	1300	1948	400	1.4	2562.5	54	0	0	22				M	MIS	3450	
WATERSBURG, MIS	1940	1948	230			23	0	0	32		S	16	MCF			
SALEM, MIS	3210	1977	20			30	0	0			S	20	ML			
						2	0	0			L	30				
*ROLAND C +, WHITE, GALLATIN, 5-7S, 8-9E																
PENNSYLVANIAN	1410	1939	11700	341.6	59521.5	1030	6	0	335				A	OEV	5266	
OEGONIA, MIS	2065	1954	30			0	0	0			S	10	A			
CLORE, MIS	1993	1947	40			4	0	0	35		S	7	A			
PALESTINE, MIS	2085	1946	90			6	0	0	36		S	4				
WALTERSBURG, MIS	2200		40			4	0	0	34		S	2	A			
TAR SPRINGS, MIS	2300	1940	1370			122	0	0	31	0.25	S	15	AL			
MARIONSBURG, MIS	2550	1940	750			51	0	0	35		S	13	AL			
GOLCONOA, MIS	2505	1955	2080			164	2	0	37	0.30	S	20	AL			
CYPRESS, MIS	2700	1943	10			1	0	0	35		S	5	A			
PAINT CREEK, MIS	2800	1945	2560			166	2	0	36	0.12	S	15	AL			
BETHEL, MIS	2800		2340			41	1	0	37		S	12	AL			
AUX VASES, MIS	2880	1945	#			88	0	0	37	0.20	S	12	AL			
CHARA, MIS	3020	1943	4470			277	1	1	39	0.12	S	13	AL			
SPAR MTN, MIS	3050	1945	2840			33	0	0	36		OL	5	AC			
MCCLOSKEY, MIS	3070	1939	#			37	0	0	38		L	6	AC			
ST. LOUIS, MIS	3250		#			125	1	0	38	0.20	L	6	AC			
SALEM, MIS	4089	1966	110			8	0	0	37		L	X	AC			
			180			12	1	0	38		L	19				

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OF TH OISC- (FT) OVERY	AREA PRD- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST														
				OUR- ING 1982	TD END OF 1982	CDMP- LETED TD END OF 1982	CD- MPL- ETEO IN 1982	AB- AND- ONED END OF YEAR	PROD- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- YH (FT)														
*RDLANO C +, WHITE, GALLATIN, 5-7S, 8-9E															(CONTINUED FROM PREVIOUS PAGE)														
ULLIN		4050 1967	300				11	0	0		38	L	4																
RDLANO W, SALINE, 7S, 7E																													
AUX VASES, MIS		2935 1950	10 ABD 1959	0.0	22.3	1	0	0		0 40	S	15	ML	MIS	3161														
ROSE HILL, JASPER, 8N, 9E																													
SPAR MTN, MIS		1966 2735 1981	690 690	75.3	187.5	42	30	0	41					DEV	4403														
MCCLOSKEY, MIS		2695 1966	# ABD 1976			8	27	0		39	L	10																	
ROYALTON, FRANKLIN, 7S, 1E																													
RENAULT, MIS		2540 1982	10	1.3	1.3	1	1	0	1		S	8		DEV	4515														
*RUARK, LAWRENCE, 2N, 12-13W																													
PENNSYLVANIAN		1941 1690 1941	560 440	6.9	2668.6	63	6	0	28				A	MIS	2967														
BETHEL, MIS		2075	100			49	6	0		33	S	10	AL																
AUX VASES, MIS		2145	30			9	0	0		36	S	11	AL																
CHARA, MIS		2275 1954	20			3	0	0		37	S	7	AL																
*RUARK W C, LAWRENCE, 2N, 13W																													
WALTERSBURG, MIS		1947 1780 1947	740 50	7.1	1549.8	66	0	0	27				M	MIS	3112														
CYPRESS, MIS		2165 1952	10			7	0	0		38	S	10	ML																
BETHEL, MIS		2220 1948	580			1	0	0		35	S	9	ML																
OHARA, MIS		2350 1952	300			45	0	0		36	S	20	ML																
SPAR MTN, MIS		2390	#			4	0	0			L	5	MC																
MCCLOSKEY, MIS		2400 1950	#			2	0	0			L	5	MC																
*RURAL HILL N, HAMILTON, 5S, 5E																													
CYPRESS, MIS		1949 2930 1956	200 110	7.4	270.6	15	0	0	7				M	DEV	5120														
OHARA, MIS		3330 1977	50			8	0	0		35	S	10	ML																
SPAR MTN, MIS		3325 1949	#			1	0	0			L	6																	
MCCLOSKEY, MIS		3380 1981	#			1	0	0		37	L	8	MC																
ST LOUIS, MIS		3640 1977	20			1	0	0			L	7																	
SALEM, MIS		3860 1976	20			2	0	0			L	7																	
ULLIN, MIS		4220 1977	70			1	0	0			L	35																	
ABD 1950, REV 1956, ABD 1969, REV 1976																													
RUSHVILLE, SCHUYLER, 2N, 1W																													
DEV-SIL		743 1966	10 ABD 1969	0.0	0.0	1	0	0	0	37	L	22		TRN	975														
RUSHVILLE NW, SCHUYLER, 2N, 2W																													
SILURIAN		669 1960	30 ABD 1976	0.0	0.5	3	0	0	0	36	L	3	AC	TRN	1038														
RUSHVILLE S, SCHUYLER 1N, 1W																													
DEVONIAN		580 1982	10	0.0	0.0	1	1	0	1		L	5		DEV	642														
RUSSELLVILLE GAS +, LAWRENCE, 4-5N, 10-11W																													
MCCLOSKEY, MIS		1560 1937	40 ABD 1958, REV 1977	0.0	12.9	4	0	1	1	35	L	7	AC	DEV	3133														
RUSSELLVILLE W, LAWRENCE, 4N, 11W																													
SPAR MTN, MIS		1565 1955	10 ABD 1957	0.0	2.0	1	0	0	0	37	L	22		MIS	1646														
*ST. FRANCISVILLE, LAWRENCE, 2N, 11W																													
BETHEL, MIS		1845 1900	950 SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION	K	X	89	0	0	32	32	S	6	ML	MIS	2465														
*ST. FRANCISVILLE E, LAWRENCE, 2N, 11W																													
PENNSYLVANIAN		1941 1260 1954	450 60	0.3	727.1	39	0	0	17				A	MIS	1960														
WALTERSBURG, MIS		1300	10			6	0	0		30	S	8	AL																
HARDINSBURG, MIS		1460 1950	40			1	0	0		37	S	6	AL																
CYPRESS, MIS		1605	60			3	0	0		35	S	6	AL																
BETHEL, MIS		1750 1941	320			3	0	0		36	S	15	AL																
(CONTINUED ON NEXT PAGE)																													

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (= SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OF DISC- TH OVERY	AREA PRO- VEO IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COMP- LETED TD 1982	CO- ETED 1982	AB- ANO- DNEO 1982	PRDD- UCING END OF YEAR	SUL- FUR PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
(CONTINUED FROM PREVIOUS PAGE)																
*ST. FRANCISVILLE E, LAWRENCE, 2N, 11W	SPAR MTN, MIS	1822 1963	10			1	0	0		36		L	5			
*ST. JACOB, MADISON, 3N, 6W	TRENTON, DRD	2260 1942	1050	20.8	4242.8	55	0	C		28 40	0.23	L	17	A	PC	5019
ST. JACOB E, MADISON, 3N, 6W	HARDIN, DEV	1840 1955	50	1.4	9.2	4	0	0		3					DRD	2600
	TRENTON, DRD	2558 1979	20			1	0	0		23		S	X	U		
			30			3	0	0				L	4			
			ABD 1957, REV 1979													
*ST. JAMES, FAYETTE, 5-6N, 2-3E	GOLCONDA, MIS	1555 1938	2310	104.3	21098.6	266	3	0		141				A	DEV	3470
	CYPRESS, MIS	1580 1938	10			1	0	0		34		L	15	A		
	BENDIST, MIS	1746 1959	1900			203	0	0		37	0.31	S	16	A		
	SPAR MTN, MIS	1860 1954	10			1	0	0		36		S	8	A		
	CARPER, MIS	3070 1961	100			10	0	0		38		L	16	A		
			700			55	3	0		37		S	35	A		
ST. PAUL, FAYETTE, 5N, 3E	BENDIST, MIS	1900 1941	320	5.4	1063.3	36	0	0		19				A	DEV	3575
	SPAR MTN, MIS	2030	240			18	0	0		34	0.23	S	9	A		
	CARPER, MIS	3238 1963	10			1	0	C		38		L	6	A		
			290			19	0	0		36		S	28			
*STE. MARIE, JASPER, 5N, 10-11E, 14W	STE. GEN, MIS	2900 1941	1210	3.7	2105.5	72	0	0		4 37	0.14	L	8	AC	MIS	3483
STE. MARIE E, JASPER, 6N, 14W	ST. GEN, MIS	2685 1949	70	0.6	36.8	8	0	0		0 38		L	10	MC	MIS	3191
			ABD 1951, REV 66, ABD 80													
STE. MARIE W, JASPER, 5-6N, 10E	AUX VASES, MIS	2720 1949	440	4.1	483.5	23	0	0		14				M	MIS	3225
	STE GEN, MIS	2815 1949	10			1	0	0		37		S	25	ML		
			440			23	0	0		40		L	6	MC		
*SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER, 3-6N, 6-8E	TAR SPRINGS, MIS	2340 1941	20940	595.5	60737.2	1590	42	10		696				A	DEV	5600
	GLEN DEAN, MIS	2390 1943	820			59	1	2		37	0.17	S	12	A		
	JACKSON, MIS	2550 1976	10			1	0	0		36		L	3	A		
	CYPRESS, MIS	2550 1942	10650			792	13	2		36	0.28	S	12	A		
	BETHEL, MIS	2740 1946	730			43	1	0		37		S	20	A		
	AUX VASES, MIS	2825 1942	3200			237	16	3		37		S	13	A		
	GHARA, MIS	2900 1947	8630			22	2	0		37		DL	6	A		
	SPAR MTN, MIS	2900 1945	#			217	9	1		33		LS	8	A		
	MCCLDSKY, MIS	2925 1938	#			357	6	0		40		DL	8	A		
	ST LOUIS, MIS	3310 1967	80			11	1	1		39		L	11	A		
	SALEM, MIS	3260 1978	140			12	3	2				L	12			
	DEVONIAN	4586 1980	50			3	0	0					6			
SAILOR SPRINGS E, CLAY, 4N, 8E	CYPRESS, MIS	2695 1944	360	111.9	205.7	31	6	3		14				D	MIS	3776
	SPAR MTN, MIS	3100 1981	110			10	0	0		36		S	8	C		
	MCCLDSKY, MIS	3020 1955	150			5	4	0				S	6			
	ST LOUIS, MIS	3228 1980	#			8	1	0		37		L	7	D		
	SALEM, MIS	3550 1967	30			3	1	0				L	6			
			170			11	2	3		38		L	6			
			ABD 1952, REV 1955, ABD 1956, REV 1960, ABD 1961, REV 1966													
SAILOR SPRINGS N, CLAY, 4N, 8E	SPAR MTN, MIS	2985 1948	100	7.4	12.3	9	0	0		3				M	MIS	3710
	MCCLDSKY, MIS	3030	100			5	0	0				L	2	MC		
			#			5	0	0		37		L	2	MC		
			ABD 49, REV 50, ABD 51, REV 55, ABD 56, REV 57, ABD 60, REV 80													
*SALEM C, MARION, JEFFERSON, 1-2N, 1S, 1-2E	BENDIST, MIS	1780 1938	13800	2269.3	375984.5	2893	6	6		1287				A	PC	9210
	AUX VASES, MIS	1825	10890			639	2	4		37		S	40	A		
	OHARA, MIS	2075	7590			822	0	0		37	0.21	S	40	A		
	SPAR MTN, MIS	2100	9640			2	0	0		37		L	3	A		
			#			151	0	0		37		LS	15	A		
(CONTINUED ON NEXT PAGE)																

Table 8. continued

PODL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECDVERT SEE PART II)	PAY ZONE	DEP- TH (FT)	TEAR DF DISC- VERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE	DEEPEST TEST		
					DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CD- MPL- ETED 1932	AB- AND- 1982	PROO- UCING END OF YEAR	SUL- FUR PERC- API	KIND OF ROCK		THI- KN- ESS	STR- UCT- URE	DEP- TH (FT)
					1982	1982	1982	1932	1982	1982	GR- API	ENT		OF ROCK	KN- ESS	URE
*SALEM C, MARION, JEFFERSON, 1-2N, 1S, 1-2E																
(CONTINUED FROM PREVIOUS PAGE)																
MCCLOSKY, MIS		2050		#			900	3	1		35		L	17	A	
ST. LOUIS, MIS		2100		210			19	0	1		37		L	X	A	
SALEM, MIS		2160	1939	1400			279	0	1		37		L	17	A	
DEVONIAN		3440	1939	6000			665	2	0		42	0.28	L	40	A	
TRENTON, DRD		4500	1941	1920			151	0	0		37		L	50	A	
SAMSVILLE, EDWARDS, 1N, 11E																
WALTERSBURG, MIS		2420	1942	70	0.0	1.0	5	0	0		38		S	7	A	
				ABD 1952, REV 1974, ABD 1977												
*SAMSVILLE N, EDWARDS, 1N, 14W																
BETHEL, MIS		2900	1945	210	0.1	260.9	17	0	1		38		S	6	A	
SPAR MTN, MIS		3115	1981	200			16	0	0				S	4		
				ABD 1976, REV 1981, ABD 1982												
SAMSVILLE NW, EDWARDS, 1N, 10E																
OHARA, MIS		3190	1955	60	2.9	9.8	4	0	0		2				MIS	
SPAR MTN, MISS		3301	1970	50			2	0	0		38		L	4	4150	
MCCLOSKY, MIS		3290	1980	#			1	0	0				L	10		
SALEM, MIS		3872	1980	10			1	0	0				OL	5		
				ABD 1956, REV 70, ABD 72, REV 80												
SANDOVAL, MARION, 2N, 1E																
CYPRESS, MIS		1400	1909	510	33.7	6373.4	157	1	0		13			D	STP	
BENDIST, MIS		1540	1909	20			1	0	0		37		S	10	5023	
GENEVA, DEV		2920		480			124	0	0		35		S	20		
				REV 1975												
SANDOVAL W, CLINTON, 2N, 1W																
CYPRESS, MIS		1420	1946	20	0.0	26.3	2	0	0		1	37	S	4	A	
				ABD 1960, REV 1981												
SANTA FE E, WASHINGTON, 1N, 3W																
SILURIAN		2610	1982	X	0.3	0.3	X	X	X		X		L	X		
SANTA FE, CLINTON, 1N, 3W																
CYPRESS, MIS		955	1944	10	0.0	1.5	1	0	0		0	34	S	10	A	
				ABD 1947												
*SCHNELL, RICHLAND, 2N, 9E																
AUX VASES, MIS		2956	1938	200	2.8	383.7	16	1	0		10		S	10	MIS	
SPAR MTN, MIS		3090	1974	130			8	0	0				S	15	3690	
MCCLOSKY, MIS		3000	1938	100			1	0	0		39	0.19	OL	5	AC	
SCHNELL E, RICHLAND, 2N, 9E																
SPAR MTN, MIS		3101	1954	170	11.1	62.0	12	0	0		9		S	5	MIS	
MCCLOSKY, MIS		3115	1954	170			6	0	0		38		L	4	3776	
				ABD 1954, REV 1978												
SCIOTA, MCCONOUGH, 7N, 3W																
DEVONIAN		519	1960	10	0.0	0.0	1	0	0		0	28	L	16	SIL	
				ABD 1960												
*SEMINARY, RICHLAND, 2N, 10E																
MCCLOSKY, MIS		3195	1945	120	0.2	228.7	9	0	0		1				MIS	
SALEM, MIS		3750	1981	120			9	0	0		38		L	4	3845	
				ABD 1966, REV 1981												
*SESSER C, FRANKLIN, 5-6S, 1-2E																
CYPRESS, MIS		2455	1942	1820	90.2	3850.6	122	5	0		81		S	5	A	
RENAULT, MIS		2690	1953	50			3	0	0		38		S	10	DEV	
AUX VASES, MIS		2700	1942	340			26	0	0		37	0.17	S	10	4688	
OHARA, MIS		2675	1951	1360			81	3	0		38	0.17	S	10	AL	
SPAR MTN, MIS		2810	1944	150			4	2	0				L	8	A	
MCCLOSKY, MIS		2840		#			5	0	0				L	10	AC	
ST. LOUIS, MIS		3002	1957	#			6	0	0		39		L	5	AC	
CLEAR CREEK, DEV		4360	1949	20			2	0	0		37		L	20	AC	
				150												

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVER SEE PART II)	PAT ZONE NAME AND AGE	TEAR DEP- TH (FT)	OF DISC- VERT	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAT ZONE			DEEPEST TEST	
					DUR- ING 1982	TO END OF 1982	COMP- YD 1982	CD- ETED 1982	AB- AND- ONEO 1982	PROD- UCING END OF YEAR	SUL- FUR GR. API	PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	DEP- TH (FT)	
SHARPSBURG, CHRISTIAN, 14N, 2W																	
		1974		40	0.0	6.1	3	0	1	1					SIL	2062	
	DEVONIAN	1972	1975	30			2	0	1				L	3			
	SILURIAN	1990	1974	10			1	0	0				L	3			
*SHATTUC, CLINTON, 2N, 1W																	
		1945		300	13.7	846.0	41	0	0	21					DRD	4146	
	CYPRESS, MIS	1280	1945	150			15	0	0		36		S	7	A		
	BENOIST, MIS	1420	1947	80			7	0	0		35		S	13	AL		
	TRENTON, DRD	4020	1948	220			20	0	0		40		L	13	A		
SHATTUC N, CLINTON, 2N, 1W																	
	BENDIST, MIS	1445	1961	10	0.0	2.4	1	0	0	0	36		S	7	TRN	4134	
				ABD 1964													
SHAWNEETOWN, GALLATIN, 9S, 9E																	
		1945		80	0.0	16.9	6	0	0	0					MIS	2837	
	PALESTINE, MIS	1720	1955	40			2	0	0		35		S	28	M		
	WALTERSBURG, MIS	1900	1955	10			1	0	0		37		S	12	M		
	TAR SPRINGS, MIS	1960	1955	60			3	0	0		37		S	X	M		
	CYPRESS, MIS	2375	1956	10			1	0	0		38		S	14	M		
	BETHEL, MIS	2400	1968	10			1	0	0				S	X			
	AUX VASES, MIS	2650	1945	10			1	0	0		38		S	10	MF		
				ABD 1950, REV 1955, ABD 1960, REV 1968, ABD 1969													
SHAWNEETOWN E, GALLATIN, 9S, 10E																	
		1952		30	0.0	18.3	4	0	0	2					MIS	2830	
	WALTERSBURG, MIS	1855	1955	10			2	0	0		37		S	10			
	BETHEL, MIS	2430	1955	10			1	0	0		37		S	X			
	AUX VASES, MIS	2660	1952	10			1	0	0		38		S	9			
*SHAWNEETOWN N, GALLATIN, 9S, 10E																	
		1943		50	0.0	104.9	4	0	0	0					MF	3131	
	AUX VASES, MIS	2750	1955	40			3	0	0		38		S	20	MF		
	MCCLOSKEY, MIS	3045	1948	10			1	0	0		36		L	6	MF		
				ABD 1953, REV 1955, ABD 1966													
*SHELBYVILLE C, SHELBY, 11N, 4E																	
	AUX VASES, MIS	1860	1946	110	0.8	49.8	9	0	0	1	34		S	15	A	3301	
SHUMWAY, EFFINGHAM, 9N, 5E																	
		1965		20	0.0	3.4	2	1	0	1					MIS	2462	
	MCCLOSKEY, MIS	2223	1965	10			1	0	0		37		L	3			
	ST LOUIS, MIS	2431	1982	10			1	1	0				L	4			
				ABD 1969													
SICILY, CHRISTIAN, 13N, 4W																	
	SILURIAN	1860	1956	70	0.0	69.4	6	0	0	0	39		L	16	SIL	1884	
				ABD 1967													
SIGEL, EFFINGHAM, 9N, 6E																	
	MCCLOSKEY, MIS	2350	1981	50	25.7	27.4	4	3	0	4			L	6	MIS	3050	
*SIGGINS, CUMBERLAND, CLARK, 10-11N, 10-11E, 14W																	
		1906		4430	X	X	1136	7	0	446					DR	3341	
	1ST(UP)SIGGINS,PEN	400		4430			907	7	0		36		S	25	DR		
	2ND(LD)SIGGINS,PEN	460		#			95	0	0		36		S	X	DR		
	3RD,4THSIGGINS,PEN	580		#			209	0	0		37		S	40	DR		
	TRENTON, DRD	3013	1972	10			1	0	0		40		L	67			
				SEE CLARK COUNTY DIVISION FOR PRODUCTION													
SILDAM, BROWN, 2S, 4W																	
	SILURIAN	603	1959	300	6.1	258.9	27	1	1	9	37		D	4	AC	1115	
SIMS S, WAYNE, 2S, 6E																	
	SALEM, MIS	4120	1982	X	0.2	0.2	X	X	X	X			L	8	MIS	4128	
*SDRENTO C, BOND, 6N, 4W																	
		1938		700	3.2	1939.4	59	1	0	6					TRN	2684	
	PENNSYLVANIAN	570	1956	80			6	0	0		31		S	20	A		
	LINGLE, DEV	1875	1938	640			53	1	0		35		S	8	A		



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	TEAR OF DISC- (FT)	AREA PRO- VED IN ACRES	PRODUCTION M BBLs			NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				DUR- ING 1982	TO END OF 1982	COMP- LETED TO END OF 1982	CO- MPL- ETED IN 1982	AB- AND- ONED 1982	PROD- UCING END OF YEAR	SUL- FUR PERC- API	KIND OF ROCK	THICK- NESS	STRUCT- URE	ZONE	DEP- TH (FT)		
SORENTO W, BOND, 6N, 4W																	
DEVONIAN		1880 1956	10 ABD 1956	0.0	0.0	1	0	0	0	37	L	X	DRD	2706			
SPARTA +, RANDOLPH, 4-5S, 5-6W																	
CYPRESS, MIS		850 1888	20 ABD 1900	0.0	X	2	0	0	0	35	S	7	D	TRN	3130		
SPARTA S, RANDOLPH, 5S, 5W																	
CYPRESS, MIS		880 1949	10 ABD 1950	0.0	0.0	1	0	0	0	35	S	3	A	MIS	909		
SPRINGERTON, WHITE, 4S, 8E																	
AUX VASES, MIS		3376 1980	30	2.2	4.1	3	1	0	3		S	X		MIS	3600		
SPRINGERTON S, WHITE, 4S, 8E																	
AUX VASES, MIS		1976	840	85.0	987.8	65	0	0	57					MIS	4500		
DMARA, MIS		3325 1977	720			55	0	0			S	8					
SPAR MTN, MIS		3424 1978	160			1	0	0			L	4					
MCCLOSKEY, MIS		3440 1976	#			4	0	0			S	9					
SALEM, MIS		3494 1978	#			6	0	0			L	6					
ULLIN, MIS		4290 1977	10			1	0	0			L	5					
		4385 1977	20			2	0	0			L	6					
SPRINGFIELD E, SANGAMON, 15N, 4W																	
HIBBARD, DEV		1960	230	2.2	340.3	22	0	1	4				R	SIL	1705		
SILURIAN		1625 1960	10			1	0	0		37	S	4	O				
		1600 1960	220			22	0	1		39	O	12	R				
SPRING GARDEN, JEFFERSON, 4S, 3E																	
MCCLOSKEY, MIS		3090 1977	280	94.5	483.2	16	0	0	14		OL	10		MIS	3942		
*STAUNTON +, MACOUPIN, 7N, 7W																	
PENNSYLVANIAN		515 1952	30	0.0	4.1	2	0	0	1	35	S	11	A	ORD	2371		
*STAUNTON W, MACOUPIN, 7N, 7W																	
PENNSYLVANIAN		505 1954	260	4.0	143.5	27	0	0	16	35	S	10		SIL	1512		
*STEWARSON, SHELBY, 10N, 5E																	
AUX VASES, MIS		1939	360	16.9	996.0	28	0	0	22					DEV	3414		
SPAR MTN, MIS		1945 1937	360			27	0	0		38	0.18	S	9	A			
		2021 1958	70			5	0	0		37		S	4	A			
STEWARSON E, SHELBY, 9-10N, 6E																	
AUX VASES, MIS		1963	30	0.4	21.5	3	0	0	2					MIS	2561		
SPAR MTN, MIS		2177 1963	10			1	0	0		38	S	6					
		2197 1963	30			3	0	0		37	S	6					
STEWARSON W, SHELBY, 10N-5E																	
BENDIST, MIS		1920 1970	10 ABD 1971	0.0	0.0	1	0	0	0		S	5		MIS	2102		
STIRITZ, WILLIAMSON, 8S, 2E																	
BETHEL, MIS		2470 1976	110	10.2	214.6	7	0	0	5					DEV	4669		
AUX VASES, MIS		2525 1971	40			2	0	0			S	4					
			70			5	0	0			S	6					
*STORMS C +, WHITE, 5-6S, 9-10E																	
PENNSYLVANIAN		1939	4770	193.0	21737.8	442	5	0	169				AM	DEV	5308		
BIEM, PEN		1320 1954	360			11	1	0		29	S	10	A				
DEGONIA, MIS		1840 1951	#			16	0	0		35	S	4	AF				
CLORE, MIS		2090 1954	180			13	0	0		35	S	7	AL				
PALESTINE, MIS		2100 1954	250			30	0	0		35	S	10	AL				
WALTERS, MIS		2150 1941	70			6	0	0		35	S	12	AL				
TAR SPRINGS, MIS		2230 1939	2730			249	1	0		32	0.28	S	15	AL			
MARIONSBURG, MIS		2340 1946	300			28	0	0		37	S	10	MF				
CTPRESS, MIS		2476 1959	20			2	0	0		37	S	9	MF				
BETHEL, MIS		2700 1946	330			22	0	0		34	S	10	MF				
RENAULT, MIS		2810	40			4	0	0		37	S	X	MF				
		2990	20			2	0	0		39	L	5	A				
(CONTINUED ON NEXT PAGE)																	

(CONTINUED ON NEXT PAGE)

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE	OEP- TH (FT)	YEAR OF DISC- VERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE		DEEPEST TEST		
					OUR- ING 1982	TO END OF 1982	COMP- LETEO 1982	CO- MPL- ETEO 1992	AB- ANO- ONEO 1982	PROO- UCING END OF YEAR	SUL- FUR- PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	OEP- TH (FT)		
(CONTINUED FROM PREVIOUS PAGE)																	
*STORMS C +, WHITE, 5-6S, 9-10E																	
AUX VASES, MIS		3000	1946	1020			76	0	0		35		S	13	AF		
OMARA, MIS		3095		340			9	0	0		35		L	10	AC		
SPAR MTN, MIS		3115	1950	#			11	2	0		34		L	2	AC		
MCCLOSKEY, MIS		3055		#			10	1	0				L	5	MC		
SALEM, MIS		3738	1966	10			1	0	0				L	6			
*STRINGTOWN, RICHLAND, 4-5N, 11E, 14W																	
STE. GEN, MIS		3025	1941	750	52.4	1710.8	51	4	1		13	40	0.24	OL	8	AC	MIS 3754
				ABO 1975, REV 1981													
STRINGTOWN E, RICHLAND, 4N, 14W																	
			1948	310	37.6	44.4	20	12	1		18					MIS 3714	
SPAR MTN, MIS		3040	1981	310			10	4	0				S	5			
MCCLOSKEY, MIS		3010	1948	#			10	0	1		37		L	4			
				ABO 1950, REV 1981													
STRINGTOWN S, RICHLAND, 4N-14W																	
SPAR MTN, MIS		3117	1970	40	3.8	5.0	4	0	1		0		S	8		MIS 3786	
				ABO 1976, REV 81, ABO 82													
STUBBLEFIELD S +, BOND, 4N, 3W																	
			1955	130	7.3	86.6	11	0	0		9					OEY 2455	
PENNSYLVANIAN		540	1974	40			3	0	0				S	15			
CTPRESS, MIS		985	1955	15			1	0	0		35		S	4			
DEVONIAN		2185	1963	100			7	0	0		37		L	8			
				ABO 1956, REV 1963, ABO 1965, REV 1974													
SUMNER, LAWRENCE, 4N, 13W																	
MCCLOSKEY, MIS		2260	1944	40	0.4	17.5	3	1	1		1	39		L	4	MC	MIS 2365
				ABO 1953, REV 1979													
SUMNER GEN, LAWRENCE, 4N, 13W																	
SPAR MTN, MIS		2544	1966	10	0.0	0.0	1	0	0		0	37		L	5		MIS 3100
				ABO 1968													
SUMNER S +, LAWRENCE, 3N, 13W																	
			1964	100	5.9	13.6	8	1	0		4					MIS 3100	
AUX VASES, MIS		2620	1964	90			7	1	0		36		S	8			
SPAR MTN, MIS		2670	1981	10			1	0	0				S	4			
				ABO 1969, REV 1980													
SUMPTER, WHITE, 4S, 9E																	
			1945	370	9.9	456.4	27	1	0		15				A	ORO 7852	
DEGONIA, MIS		2140	1975	10			1	0	0				S	5			
CLORE, MIS		2195	1975	20			2	0	0				S	5			
TAR SPRINGS, MIS		2575	1945	290			21	1	0		37		S	18	AF		
HARDINSBURG, MIS		2655	1951	10			1	0	0		36		S	14	AF		
CTPRESS, MIS		2860	1948	70			5	0	0		37		S	15	AF		
OMARA, MIS		3222	1960	10			1	0	0		36		L	6	A		
*SUMPTER E, WHITE, 4-5S, 10E																	
			1951	1610	41.6	2961.9	101	0	0		38				A	MIS 4204	
CTPRESS, MIS		2795		220			18	0	0		37		S	16	AL		
BETHEL, MIS		2922	1960	20			2	0	0		35		S	12	A		
AUX VASES, MIS		3020	1952	420			28	0	0		39		S	15	AL		
OMARA, MIS		3115	1951	1110			46	0	0		36		L	12	AC		
SPAR MTN, MIS		3140	1952	#			18	0	0		36		L	4	AC		
MCCLOSKEY, MIS		3150		#			3	0	0		33		L	5	AC		
*SUMPTER N, WHITE, 4S, 9E																	
			1952	300	6.3	700.2	22	2	0		10					OEY 5500	
AUX VASES, MIS		3185	1952	240			16	0	0		37		S	3	NL		
OMARA, MIS		3270	1982	30			1	1	0				L	6			
SPAR MTN, MIS		3292	1982	#			2	2	0				S	8			
MCCLOSKEY, MIS		3312	1974	#			1	0	0				OL	4			
ULLIN, MIS		4230	1975	30			3	0	0				L	30			
*SUMPTER S, WHITE, 4-5S, 9E																	
			1948	290	21.3	982.8	32	1	0		11					MIS 4243	
TAR SPRINGS, MIS		2580	1948	160			16	1	0		34		S	8	AF		
BETHEL, MIS		3025		10			1	0	0		35		S	15	AF		
AUX VASES, MIS		3260		210			16	0	0		37		S	10	AF		

Table 8. continued

PDDL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAT ZONE	YEAR	AREA PROD- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF DIL			PAT ZONE			DEEPEST TEST	
				DEP- TH (FT)	DISC- OVERT	DUR- ING 1982	TO END OF 1982	COMP- LETED END OF 1982	CO- ETED IN 1982	AB- AND- ONED 1982	PRDD- UCING END OF YEAR	SUL- FUR PERC- ENT	KINO DF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)
SUMPTER W, WHITE, 4S, 9E																	
AUX VASES, MIS		1952	60	3.1	31.5	4	1	0	3						MIS	4050	
DHARA, MIS		3165 1952	20			2	0	0		37		S	5	NL			
		3244 1980	40			2	1	0				L	4				
ABO 1964, REV 1969																	
*TAMARCA, PERRY, 4S, 1W																	
CTPRESS, MIS		1942	340	4.3	461.2	22	0	0	8						TRN	4287	
TRENTON, DRD		1120 1942	230			17	0	0		30	0.12	S	13	AL			
		4135 1964	110			6	0	0		38		L	40				
*TAMARCA S, PERRY, 4S, 1W																	
CTPRESS, MIS		1155 1957	280	6.0	346.9	21	1	0	13	28		S	7		MIS	1385	
TAMARCA W, PERRY, 4S, 2W																	
CTPRESS, MIS		1130 1956	20	0.0	2.5	3	0	0	1	34		S	5		DEV	2902	
TAYLOR HILL, FRANKLIN, 5S, 4E																	
		1949	190	12.2	182.5	17	1	0	11						MIS	4100	
DHARA, MIS		3055 1949	80			6	0	0		37		L	4				
SALEM, MIS		3635 1979	20			2	1	0				L	6				
ULLIN, MIS		3940 1961	160			9	0	0		38		L	15				
ABO 1968, REV 1977																	
TEUTONPOLIS, EFFINGHAM, 8N, 6E																	
SPAR MTN, MISS		1966	170	12.1	195.9	12	0	0	9						DEV	4037	
MCCLOSKEY, MIS		2402 1966	170			11	0	0				L	5				
ST LOUIS, MIS		2530 1967	#			2	0	0		38		OL	4				
		2570 1967	40			3	0	0		39		L	4				
TEUTONPOLIS S, EFFINGHAM, 8N, 6E																	
SPAR MTN, MIS		1968	50	0.1	20.1	3	0	0	2						MIS	2950	
MCCLOSKEY, MIS		2477 1968	50			2	0	0				S	4				
		2535 1968	#			2	0	0				OL	5				
*THACKERAT, HAMILTON, 5S, 7E																	
		1944	840	13.0	4449.3	76	0	0	30						DEV	5611	
CYPRESS, MIS		3030	30			3	0	0		36		S	24	A			
AUX VASES, MIS		3360 1944	760			68	0	0		37		S	15	AL			
DHARA, MIS		3435 1946	120			1	0	0				L	5	AC			
MCCLOSKEY, MIS		3500 1946	#			6	0	0		37		L	10	AC			
THOMPSONVILLE, FRANKLIN, 7S, 4E																	
		1940	420	6.5	418.2	40	1	0	12						DEV	5400	
DHARA, MIS		3110 1967	350			10	1	0				L	4				
SPAR MTN, MIS		3190 1967	#			1	0	0				LS	4				
MCCLOSKEY, MIS		3200 1940	#			19	0	0		38	0.16	L	10	A			
ST LOUIS, MIS		3450 1967	80			10	0	0		39		L	10				
ABO 1947, REV 1967																	
*THOMPSONVILLE E, FRANKLIN, 7S, 4E																	
AUX VASES, MIS		3150 1949	180	4.8	639.4	14	0	0	1	38		S	3	ML	MIS	3371	
*THOMPSONVILLE N, FRANKLIN, 7S, 4E																	
		1944	870	20.1	3858.0	87	0	0	12						MIS	4181	
CYPRESS, MIS		2750 1948	20			1	0	0		37		S	10	AL			
AUX VASES, MIS		3100 1944	860			86	0	0		35		S	20	AL			
TILDEN, RANDOLPH, 4S, 5W																	
SILURIAN		2160 1952	610	36.4	4611.8	35	0	0	30	40		L	60	R	DRD	3093	
TILDEN N, ST CLAIR, WASHINGTON, RANDOLPH, 3-4S, 5-6W																	
		1968	530	27.0	924.4	34	1	0	35						DRD	2810	
DEVONIAN		2010 1981	20			2	1	0									
SILURIAN		2014 1968	510			32	0	0		42		L	29	R			
													70				
TOLIVER E, CLAY, 5N, 6-7E																	
		1943	210	7.6	300.1	18	1	0	12						MIS	3519	
CYPRESS, MIS		2510 1955	10			1	0	0		36		S	14	M			
(CONTINUED ON NEXT PAGE)																	

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (• SECONDARY RECOVERY SEE PART II)	PAY IONE	YEAR	AREA	PRODUCTION		NUMBER OF WELLS				CHARACTER		PAY ZONE		DEEPEST			
				PRO- VED IN ACRES	OUR- ING 1982	TO ENO OF 1982	COMP- LETO TO ENO OF 1982	CO- MPL- ETEO IN 1982	AB- ANO- ONED 1982	PROD- UCING END OF YEAR	OF OIL		KIND OF ROCK	THI- CK- ESS	STR- UCT- URE	OEP- TH (FT)	
											SUL- FUR PERC- ENT	GR. API					
(CONTINUED FROM PREVIOUS PAGE)																	
TOLIVER E, CLAY, 5N, 6-7E	AUX VASES, MIS	2740 1967	50			4	0	0		36		S	4				
	SPAR MTN, MIS	2815	140			7	1	0		36		L	6	MC			
	MCCLOSKEY, MIS	2840 1943	#			6	0	0		35		OL	8	MC			
TOLIVER S, CLAY, 4N, 6E		1953	70	0.0	57.6	4	0	0	0					M	MIS	2915	
	AUX VASES, MIS	2765 1953	10		21.0	1	0	0		36		S		MC			
	MCCLOSKEY, MIS	2875 1956	60		37.0	3	0	0		34		L	5	MC			
			ABO 1964														
*TONTI, MARION, 2-3N, 2E		1939	580	88.7	14396.6	108	1	0	64					0	ORD	4900	
	BENOIST, MIS	1930 1939	140			13	0	0		36		S	20	0			
	AUX VASES, MIS	2005 1939	180			26	0	0		37		S	30	0			
	SPAR MTN, MIS	2125	640			16	0	0				LS	12	0			
	MCCLOSKEY, MIS	2130 1939	#			74	1	0		38	0.21	OL	15	0			
	DEVONIAN	3500	80			7	0	0		37		D	7	R			
TOVEY, CHRISTIAN, 13N, 3W	SILURIAN	1850 1955	10	0.0	28.0	1	0	0	0	38		L	10		SIL	1881	
			ABO 1973														
*TRUMBULL C, WHITE, 5S, 8-9E		1944	1570	23.2	3880.8	120	3	2	58					A	MIS	4401	
	PENNSYLVANIAN	830 1974	10			1	0	0				S	12				
	TAR SPRINGS, MIS	2528 1962	30			2	0	2		35		S	5				
	CYPRESS, MIS	2845 1944	430			33	1	0		36		S	10	A			
	BETHEL, MIS	2955 1959	50			2	0	0		37		S	9	A			
	AUX VASES, MIS	3170 1946	530			43	0	0		36		S	9	A			
	OHARA, MIS	3230	700			19	0	0		36		L	15	AC			
	SPAR MTN, MIS	3270 1946	#			14	0	0				L	6	AC			
	MCCLOSKEY, MIS	3290 1947	#			20	0	0				L	5	AC			
	ST LOUIS, MIS	3561 1982	20			2	2	0				L	14				
	HULLIN, MIS	4110 1973	10			1	0	0				L	20				
*TRUMBULL N, WHITE, 4S, 8E		1961	250	17.3	126.9	19	0	0	15						MIS	4960	
	AUX VASES, MIS	3325 1961	200			14	0	0		36		S	6				
	OHARA, MIS	3420 1979	50			1	0	0				L	4				
	MCCLOSKEY, MIS	3466 1961	#			4	0	0		37		OL	16				
			ABO 1966, REV 1979														
TURKEY BEND, PERRY, 4S, 2W	TRENTON, ORD	3940 1957	30	2.4	62.1	2	0	0	2	39		L	1		ORD	4044	
*VALIER, FRANKLIN, 6S, 2E		1942	120	6.9	135.2	7	0	0	3						MIS	2900	
	AUX VASES, MIS	2685 1963	110			6	0	0		39		S	7				
	MCCLOSKEY, MIS	2715 1942	10			1	0	0		39		L	12	ML			
			ABO 1945, REV 1963														
VERGENNES, JACKSON, 7S, 2W	DEVONIAN	3300 1975	160	12.1	30.6	10	4	0	10	39		L	10		ORD	7094	
VIRDEN W, MACDUPIN, 12N, 7W		1963	40	0.5	0.5	3	1	0	0						SIL	1500	
	DEVONIAN	1361 1963	30			2	0	0		38		L	20				
	SILURIAN	1400 1982	10			1	1	0				L	10				
			ABO 1971, REV 1982														
WAGGONER +, MONTGOMERY, 11N, 5W	POTTSVILLE, PEN	610 1940	40	0.0	12.0	7	0	0	1	28	0.21	S	10		SIL	1945	
			ABO 1949, REV 59, ABO 60, REV 63, ABO 64, REV 77														
WAKEFIELD, JASPER, 5N, 9E	SPAR MTN, MIS	3100 1946	40	0.0	1.7	2	0	0	0	38		L	5		MIS	3207	
			ABO 1947, REV 1953, ABO 1954														
WAKEFIELD N, JASPER, 5N, 9E	MCCLOSKEY, MIS	3000 1953	10	0.0	23.2	1	0	0	0	37		L	6		MIS	3204	
			ABO 1958														

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OEP- TH OF (FT) OISC- OVERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY IONE			OEEPEST TEST	
				DUR- ING 1982	TO END OF 1982	COM- TO 1982	CO- ETEO AND- 1982	AB- ONEO 1982	PROD- UCING END OF YEAR	SUL- FUR- PERC- ENT	KIND OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	DEP- TH (FT)	
WAKEFIELD S, RICHLAND, 5N, 9E																
	SPAR MTN, MIS	1955	100	0.3	7.7	3	1	0	3					MIS	3807	
	MCCLOSKEY, MIS	3040 1981	80			1	0	0			S	4				
	SALEM, MIS	3040 1955	#			5	0	0	37		L	4				
		3540 1981	20			2	1	0			L	5				
ABO 1955, REV 1969, ABO 1974, REV 1981																
*WALPOLE, HAMILTON, 6-7S, 6E																
	TAR SPRINGS, MIS	1941	2180	12.3	10568.5	134	0	0	58					DEV	5325	
	BENOIST, MIS	2465	110			7	0	0	37		S	15	AL			
	AUX VASES, MIS	2962 1979	10			1	0	0			S	8				
	OHARA, MIS	3070 1941	2060			121	0	0	37	0.13	S	20	A			
	SPAR MTN, MIS	3152 1979	200			1	0	0	37		L	4	A			
	MCCLOSKEY, MIS	3195 1954	#			3	0	0			L	7	AC			
	ST. LOUIS, MIS	3162 1960	#			11	0	0	37		OL	7	AC			
	SALEM, MIS	3544 1960	20			2	0	0	38		L	8	AC			
		4058 1979	10			1	0	0			L	16				
WALPOLE S, HAMILTON, 7S, 6E																
	AUX VASES, MIS	3120 1951	40	0.0	123.3	2	0	0	0	37	S	6	AL	MIS	3362	
ABO 1975																
WALTONVILLE, JEFFERSON, 3S, 2E																
	BENOIST, MIS	1943	70	2.4	146.6	6	1	0	4					DEV	4500	
	ST. LOUIS, MIS	2460 1943	50			4	0	0	38	0.14	S	9	A			
	BOROEN, MIS	2767 1962	10			1	0	0	37		L	14				
		3577 1982	10			1	1	0			S	23				
*WAMAC, MARION, CLINTON, WASHINGTON, 1N, 1E, 1W																
	PETRO, PEN	1921	310	4.6	701.4	121	1	0	3					ORO	4150	
	DEVONIAN	720 1921	310			119	1	0	36		S	20	OF			
		3015 1959	10			1	0	0	38		L	9	DF			
WAMAC E, MARION, 1N, 1E																
	ISABEL, PEN	845 1952	150	1.8	56.6	12	1	0	4	30	S	15	ML	DEV	3405	
PAY ZONE IS ISABEL (WILSON SAND), PEN																
*WAMAC W, CLINTON, 1N, 1W																
	CYPRESS, MIS	1962	260	17.4	1055.2	28	0	0	22					DEV	3050	
	BENOIST, MIS	1312 1962	130			15	0	0	35		S	8				
		1466 1962	130			13	0	0	36		S	12				
WAPELLA E, DEWITT, 21N, 3E																
	DEVONIAN	1962	350	61.4	3211.4	36	0	0	36					STP	2216	
	SILURIAN	1108 1963	30			3	0	0	31		L	5				
		1112 1962	350			36	0	0	31		D	6	R			
*WARRENTON-BORTON, EDGAR, COLES, 13-14N, 13-14W																
	UNNAMED, PEN	200 1906	590	0.8	33.3	58	1	2	10	31	S	20	ML	TRN	2212	
WATERLOO, MONROE, 1-2S, 10W																
	TRENTON, ORO	410 1920	770	0.3	300.2	84	6	0	45	30	0.97	L	50	A	PC	2768
ABO 1930, REV 1939, CONVERTED IN PART TO GAS STORAGE 1951																
WATSON, EFFINGHAM, 7N, 5-6E																
	SPAR MTN, MIS	1957	30	0.3	63.3	3	0	0	1					MIS	2647	
	MCCLOSKEY, MIS	2415 1957	30			2	0	0			S	5				
		2434 1958	#			1	0	0	38		L	11				
WATSON W, EFFINGHAM, 7N, 5E																
	AUX VASES, MIS	2208 1965	10	0.5	14.9	1	0	0	1	39	S	12		MIS	2316	
WAVERLY, MORGAN, 13N, 8W																
	DEV-SIL	1020 1946	20	0.0	0.0	1	0	0	0		L	10	A	ORO	2070	
ABO, GAS STORAGE IN ST PETER AND GALESVILLE																
WAYNE CITY, WAYNE, 2S, 6E																
	SALEM, MIS	3974 1978	40	0.2	4.8	4	1	1	2		L	28		DEV	5247	



Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (• SECONDARY RECOVERY SEE PART II)	PAY ZONE	YEAR OEP- TH (FT)	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS					CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
				OUR- ING 1982	TO END OF 1982	COMP- LETED TO 1982	CO- ETED 1982	AB- AND- 1982	PROO- UCING END OF YEAR	GR. API	SUL- FUR PERC- ENT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)	
WEAVER, CLARK, 11N, 10W																	
		1949	570	14.1	2440.7	46	0	0	28					R	DEV	2160	
COLE, MIS		1565 1953	30			1	0	0		30		S	5	O			
DEVONIAN		2030 1949	540			44	0	0		37		L	10	R			
*WEST FRANKFORT C, FRANKLIN, 7S, 2-3E																	
		1941	1760	56.2	7682.2	155	3	0	55					A	DEV	4869	
TAR SPRINGS, MIS		2060 1941	680			70	0	0		39	0.13	S	20	A			
AUX VASES, MIS		2710 1947	470			40	3	0		38		S	20	AL			
OHARA, MIS		2760 1943	850			44	0	0		38		L	3	AC			
SPAR MTN, MIS		2810	#			6	0	0				L	8	AC			
MCCLOSKEY, MIS		2825 1947	#			21	0	0		38		L	14	AC			
ST LOUIS, MIS		3161 1980	10			1	0	0				L	2				
*WEST SEMINARY, CLAY, 2N, 7E																	
		1959	320	0.0	819.9	29	0	0	2					MC	MIS	3650	
AUX VASES, MIS		2972 1959	230			18	0	0		37		S	10	MC			
SPAR MTN, MIS		3059 1959	290			3	0	0				L	6	MC			
MCCLOSKEY, MIS		3068 1959	#			14	0	0		38		OL	12	MC			
*WESTFIELD, CLARK, COLES, 11-12N, 11E-14W																	
		1904	9740	X	X	1913	15	1	317					O	STP	3039	
GAS, PEN		280	1670			265	3	0		28		S	25	O			
WESTFIELD, MIS		335	9280			78	9	1		32		L	X	O			
CARPER, MIS		875	630			34	3	0		38		S	18	O			
TRENTON, ORD		2300	1710			87	0	0		38	0.18	L	40	O			
SEE CLARK COUNTY DIVISION FOR PRODUCTION																	
*WESTFIELD E, CLARK, 11-12N, 14W																	
PENNSYLVANIAN		400 1947	310	0.3	13.4	45	0	0	32	28		S	11	ML	MIS	795	
WESTFIELD N, COLES, 12N, 14W																	
		1949	20	0.0	0.4	2	0	0	0						PEN	611	
PLEASANTVIEW, PEN		275 1949	20		0.4	1	0	0	0	28		S	5				
PENNSYLVANIAN		490 1949	#			1	0	0				S	10				
ABO 1957																	
WHITEASH, WILLIAMSON, 8S, 2E																	
		1972	70	1.1	31.2	5	0	0	4						MIS	2651	
AUX VASES, MIS		2464 1973	60			4	0	0				S	12				
OHARA, MIS		2532 1972	20			2	0	0				L	8				
*WHITTINGTON, FRANKLIN, 5S, 3E																	
		1939	1230	143.8	3124.0	95	7	0	61					A	ORD	6155	
HARDINSBURG, MIS		2310 1948	430			28	0	0		34		S	10	A			
CYPRESS, MIS		2535	260			18	0	0		35		S	10	A			
BETHEL, MIS		2612 1961	60			3	0	0		38		S	4	A			
AUX VASES, MIS		2735	120			11	0	0		38		S	15	A			
OHARA, MIS		2835	420			13	0	0		37		L	10	AC			
SPAR MTN, MIS		2850	#			8	0	0				L	10	AC			
MCCLOSKEY, MIS		2870 1939	#			3	0	0		38	0.24	L	9	AC			
ST. LOUIS, MIS		3080 1939	80			9	0	0		38	0.24	L	6	AC			
SALEM, MIS		3300 1977	90			7	2	0				L	10				
ULLIN, MIS		3560 1977	20			1	0	0				L	7				
DEVONIAN		4900 1981	160			8	5	0					15				
WHITTINGTON S, FRANKLIN, 5-6S, 3E																	
CYPRESS, MIS		2580 1950	120	2.5	486.1	10	0	0	10	35		S	10	A	MIS	3904	
*WHITTINGTON W, FRANKLIN, 5S, 2-3E																	
		1943	670	0.0	1571.2	33	0	0	2					A	MIS	3535	
BENOIST, MIS		2615 1949	10			1	0	0		36		S	10	AL			
RENAULT, MIS		2700 1956	480			21	0	0		37		L	X	A			
AUX VASES, MIS		2700 1944	180			13	0	0		38		S	15	AL			
OHARA, MIS		2800 1943	110			5	0	0				L	5	AC			
SPAR MTN, MIS		2780 1947	#			2	0	0				L	4	AC			
MCCLOSKEY, MIS		2900	#			3	0	0		38		L	6	AC			
*WILBERTON, FAYETTE, 5N, 2-3E																	
		1959	1070	15.5	1871.0	58	0	0	36						ORD	4528	
BORDEN, MIS		2628 1963	10			1	0	0		35		S	38				
CARPER, MIS		3203 1961	1060			46	0	0		37		S	39				
LINGLE, DEV		3466 1959	60			5	0	0		28		S	4				

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (* SECONDARY RECOVERY SEE PART II)	PAY ZONE NAME AND AGE	YEAR OEP- TH (FT)	AREA PRO- VED IN ACRES	PRODUCTION M 8BLS		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST		
				OUR- ING 1982	TO ENO OF 1982	COMP- LETEO TO ENO OF 1982	CO- MPL- ETEO IM 1982	AB- ANO- ONEO 1982	PROD- UCING ENO OF YEAR	GR. API	SUL- FUR- PERC- ENT	KINO OF ROCK	TMI- CKN- ESS	STR- UCT- URE	ZONE	OEP- TH (FT)	
*WILLIAMS C, JEFFERSON, 2-3S, 2E																	
		1948	490	9.3	1438.4	45	0	0	31								
	BENOIST, MIS	2490 1949	230			17	0	0		39	S	10	AL	OEV	4578		
	AUX VASES, MIS	2550 1949	400			29	0	0		37	S	5	AL				
	MCCLOSKY, MIS	2600	10			1	0	0		37	L		AC				
*WOBURN C, 80NO, 6-7N, 2W																	
		1940	1450	29.1	4655.0	142	0	0	52								
	CYPRESS, MIS	865 1950	310			20	0	0		35	S	8	AL	ORO	3620		
	BENOIST, MIS	1020 1940	340			38	0	0		36	0.20	S	10	AL			
	RENAULT, MIS	1047 1958	10			1	0	0		36	L	X	AL				
	AUX VASES, MIS	1055 1956	140			5	0	0		36	S	10	AL				
	LINGLE, OEV	2275 1949	720			57	0	0		35	S	8	AC				
	TRENTON, ORO	3170 1947	390			25	1	0		39	0.27	L	12	A			
*WOODLAWN, JEFFERSON, 2-3S, 1-2E																	
		1940	1950	57.6	13461.1	201	2	1	72								
	TAR SPRINGS, MIS	1440	30			3	0	0		35	S	X	AL	ORO	5101		
	CYPRESS, MIS	1800 1943	180			3	0	0		37	S	10	AL				
	BENOIST, MIS	1960 1940	1910			182	2	1		37	0.16	S	25	A			
	AUX VASES, MIS	1975 1945	270			24	0	0		38	S	10	A				
	SPAR MTN, MIS	2205 1947	240			15	0	0		38	LS	15	A				
	MCCLOSKY, MIS	2200 1948	#			1	0	0			L	3	A				
	LINGLE, OEV	3690 1945	70			11	0	0		37	S	6	A				
WOODLAWN N, JEFFERSON, 2S, 2E																	
	MCCLOSKY, MIS	2304 1979	10	X	X	1	0	0	1		L	5		MIS	2444		
WOODLAWN S, JEFFERSON, 3S, 1E																	
	SALEM, MIS	2910 1981	60	8.3	10.2	3	1	0	3		L	3		MIS	3125		
XENIA, CLAY, 2N, 5E																	
		1941	170	25.3	72.0	14	6	0	9								
	AUX VASES, MIS	2785 1941	10			1	0	0		35	0.19	S	13	A	DEV	4750	
	CARPER, MIS	4230 1962	110			8	1	0		38	S	12					
	OEONIAN	4498 1982	90			6	6	0			L	11					
XENIA E, CLAY, 2N, 5E																	
		1951	300	7.0	945.3	30	0	1	10								
	CYPRESS, MIS	2500 1951	260			18	0	1		37	S	6	AL	MIS	4620		
	BENOIST, MIS	2710	110			9	0	0		35	S	6	AL				
	RENAULT, MIS	2755 1959	20			2	0	0		35	S	15	AL				
	AUX VASES, MIS	2741 1960	30			3	0	0		35	S	10	A				
	MCCLOSKY, MIS	2900 1981	10			1	0	0			L	7					
YALE, JASPER, 8N, 11E																	
		1966	320	13.7	153.8	23	3	0	20								
	AUX VASES, MIS	1650 1981	20			2	1	0			S	4		SIL	3637		
	SPAR MTN, MIS	2070 1966	300			11	0	0			L	10					
	MCCLOSKY, MIS	2140 1966	#			12	2	0		37	L	6					
*YORK, CUMBERLAND, CLARK, 9-10N, 10-11E, 14W																	
	ISABEL, PEN	590 1907	410	X	X	79	0	0	8	31	S	15	AM	OEV	2642		
SEE CLARK COUNTY DIVISION FOR PRODUCTION. ABO 1945, REV 1950																	
*ZEIGLER, FRANKLIN, 7S, 2E																	
	AUX VASES, MIS	2614 1963	350	3.8	2153.3	34	0	0	32	37	S	19		MIS	3030		
ZENITH, WAYNE, 2N, 5E																	
		1948	50	0.5	25.7	5	0	0	0								
	MCCLOSKY, MIS	2970 1948	40			4	0	0		38	L	7	AC	MIS	3601		
	ST LOUIS, MIS	3088 1969	10			1	0	0			L	6					
ABO 1956, REV 69, ABO 70, REV 73, ABO 80																	
*ZENITH E, WAYNE, 1N, 6E																	
		1965	320	2.4	546.4	20	0	1	15								
	SPAR MTN, MIS	3170 1965	250			14	0	0		37	L	10		MIS	4102		
	MCCLOSKY, MIS	3200 1981	40			3	0	0			L	4					
	ST LOUIS, MIS	3270 1981	20			1	0	1			L	4					
	SALEM, MIS	3945 1981	10			2	0	0			L	4					

Table 8. continued

POOL, COUNTY, LOCATION BY TOWNSHIP AND RANGE (# SECONDARY RECOVERY SEE PART II)	PAY ZONE  NAME AND AGE	YEAR DEP- TH (FT)	OF DISC- VERY	AREA PRO- VED IN ACRES	PRODUCTION M BBLs		NUMBER OF WELLS				CHARACTER OF OIL		PAY ZONE			DEEPEST TEST	
					OUR- ING 1982	TO END OF 1982	COMP- LETEO TO END OF 1982	CO- ETEO IN 1982	AB- ANO- ONEO 1982	PROO- UCING END OF YEAR	SUL- FUR- PERC- INT	KINO OF ROCK	THI- CKN- ESS	STR- UCT- URE	IONE	DEP- TH (FT)	
*IENITH N, WAYNE, 2N, 6E																	
		1951		440	19.9	1521.9	33	0	0		20				N	MIS	3935
	SPAR MTN, MIS	3080	1951	290			15	0	0		38	L	6	MC			
	MCCLOSKEY, MIS	3140	1951	#			7	0	0			L	4	MC			
	SALEM, MIS	3634	1972	250			16	0	0			L	6	MC			
IENITH S, WAYNE, 1N, 5E																	
		1949		300	0.1	766.0	15	0	0		0				M	MIS	3827
	OHARA, MIS	2920		300			2	0	0			L	6	MC			
	MCCLOSKEY, MIS	2985	1949	#			13	0	0		37	L	7	MC			
ABO 1966, REV 67, ABO 1970, REV 1982																	

Production, location unknown

395.1

TOTAL 1982	667,940	3,200,324	1,717	27,735
	27,709		73,133	293
TOTAL 1981*	648,940	3,172,615	1,829	26,301
	25,490		71,416	324

\* omitted from Petroleum Industry in Illinois, 1981 (Illinois Petroleum 124)

Table 9. Illinois gas field statistics, 1982.

Field:	N, North; S, South; E, East; W, West; C, Consolidated. Fields located in two or more counties have county names listed in order of discovery.						Structure: A, anticline; D, dome; F, faulting an important factor in gas accumulation; f, faulting a minor factor in gas accumulation; L, lens; M, monocline; R, reef; X, structure not determined. Combinations of the letters are used where more than one factor applies.										
Age:	Pc, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; St. P, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.						x	Correct figure not determinable.									
Kind of rock:	D, dolomite; L, limestone; LS, sandy limestone; S, sandstone.						*	Field also listed in table 8 (oil production).									
							†	From oil wells.									
Abd:	Field abandoned.						Rev:	Field revived.						††	Gas storage project.		
Field, county; location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test			
	Name and age	Depth (ft)			During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982	Pro- ducing end of year	Kind of rock, average thickness in feet, structure	Zone	Depth (ft)				
Albion C*; Edwards, White; 3S; 10E																	
	Pennsylvanian	1,490	1940	50	3.3	3.3	2	0	0	1	S	6	MF	Dev	5,185		
Alhambra; Madison, 5N; 6W																	
	Pennsylvanian	600	1974	20	0	0	1	0	0	0	S	6	X	Sil	2,005		
Amity S*; Richland; 4N; 14W																	
	Spar Mtn	2,910	1981	10	0	0	1	0	0	0	S	3		Mis	3,071		
Ashmore E*; Edgar; 13N; 14W																	
	Pennsylvanian	367	1973	20	0	0	2	0	0	0	S	22	X	Dev	1,228		
Ashmore S*††; Clark, Coles; 12N; 10-11E, 14W																	
			1958	460	0	x	23	0	0	0			A	Trn	2,260		
	Unnamed, Pen	430	1958	440	0		22	0			S	x	A				
	Osage, Mis	385	1963	20			1	0			S	x	X				
Ava-Campbell Hill*; Jackson; 7S; 3-4W																	
	Cypress, Mis	780	1916	370	0	x	20	0	0	0	S	18	A	Trn	3,582		
	Abd 1943; rev (oil) 1956; abd 1957																
Ayers Gas; Bond; 6N; 3W																	
	Benoist, Mis	940	1922	325	0	298.7	21	0	0	0	S	5	A	Ord	3,044		
	Abd 1950																
Beaver Creek N*; Bond; 4N; 2W																	
	Benoist, Mis	1,132	1965	40	0	0	1	0	0	0	S	x	X	Dev	2,556		
Beaver Creek NE Gas*††; Bond; 4N; 2W																	
	Benoist, Mis	1,126	1961	70	0	x	7	0	0	0	S	5		Sil	2,487		
Beaver Creek S*; Bond, Clinton; 3-4N; 2W																	
	Cypress, Mis	1,015	1946	280	0	0	8	0	0	0	S	20	A	Sil	2,606		
Beckemeyer Gas*; Clinton; 2N; 3W																	
			1956	90	0	0	2	0	0	0				Sil	2,730		
	Cypress, Mis	1,070	1956	80			1	0			S	23					
	Benoist, Mis	1,155	1975	10			1	0			S	13					
	Abd 1958; rev 1975																
Bellair*; Crawford; 8N; 14W																	
	Carper, Mis	1,772	1970	10	0	0	1	0	0	0	S	45		Dev	2,732		
Beverly Gas; Adams, 3S; 5W																	
	Silurian	450	1957	80	0	0	2	0	0	0	L	6	X	St. P	840		
Black Branch E*; Sangamon; 15N; 4W																	
	Silurian	1,695	1969	20	0	0	1	0	0	0	L	23		Sil	1,755		
Boulder*, Clinton; 2-3N; 2W																	
	Geneva, Dev	2,630	1941	320	0	0	4	0	0	0	D	7	R	Trn	3,813		
	Abd 1965																
Boulder E*; Clinton; 3N; 1W																	
			1957	90	0	0	3	0	0	0				Sil	2,946		
	McClosky, Mis		1981	10			1	0			L	5					
	Devonian	2,840	1957	80			3	0			L	12	X				
	Abd 1957; rev 1981																

Table 9. continued

Field, county; location by township and range	Pay zone  Name and age	Year of dis- covery	Area proved in acres	Gas Production million cu ft		Number of wells				Pay zone			Deepest test		
				During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982	Pro- ducing end of year	Kind of rock average thickness in feet, structure			Zone	Depth (ft)	
Carlinville*; Macoupin; 9N; 7W															
	Unnamed, Pen	365	60	0	0	6	0	0	0	S	x	X	Mis	1,380	
				Abd 1925; rev 1942											
Carlinville N*; Macoupin, 10N; 7W															
	Pottsville, Pen	440 1941	40	0	0	1	0	0	0	S	10	X	Trn	1,970	
				Abd 1954											
Carlyle*; Clinton; 2N; 3W															
	Cypress, Mis	1,015 1958	20	0	x	2	0	0	0	S	x	AL	St. P	4,120	
Casey*; Clark															
	Casey, Pen	440	x	0	x	x	0	0	0	S	x	AM	Trn	2,608	
Claremont; Richland; 3N; 14W															
	Spar Mtn, Mis	3,200 1950	160	0	0	1	0	0	0	L	5	MC	Mis	4,065	
				Abd 1952											
Cooks Mills C* <sup>++</sup> ; Coles, Douglas; 14N; 7-8E															
		1941	950	0	1,895.4	23	0	0	0			A	Dev	3,059	
	Cypress, Mis	1,600	680			14	0			S	10	A			
	Aux Vases, Mis	1,800	40			1	0			S	8	A			
	Spar Mtn, Mis	1,765	450			6	0			S	15	A			
Cooperstown; Brown; 1S; 2W															
	Silurian	516 1977	30	0	0	3	0	0	0	L	6	X	Sil	575	
Corinth S; Williamson; 9S; 4E															
	Hardinsburg, Mis	2,232 1970	60	0	147.4	4	0	0	0	S	4		Mis	2,823	
Dubois C*; Washington; 3S; 1-2W															
	Cypress, Mis	1,220 1939	400	0	0	10	0	0	0	S	10	AL	Ord	4,217	
Dudley*; Edgar; 14N; 13W															
	Pennsylvanian	300 1948	170	0	x	5	0	0	0	S	20	M	St. P	2,997	
Dudley W Gas; Edgar; 13N; 13W															
	Gas, Pen	380 1953	130	0	0	4	0	0	0	S	11	X	Pen	478	
Eden Gas <sup>++</sup> ; Randolph; 5S; 5W															
	Cypress, Mis	875 1962	1,000	2.0	378.7	15	0	0	3	S			Mis	2,377	
Eldorado C*; Saline; 8S; 7E															
		1941	300	2.4	3,895.4	18	0	0	1			A	Mis	3,606	
	Palestine, Mis	1,920	120			3	0			S	20	AL			
	Waltersburg, Mis	2,055	80			2	0			S	20	AL			
	Tar Springs, Mis	2,225	40			4	0			S	17	AL			
	Hardinsburg, Mis	2,353	120			4	0			S	5				
	Cypress, Mis	2,460	80			2	0			S	20	X			
Eldorado E*; Saline; 8S; 7E															
		1953	120	8.3	1,098.8	10	0	0	1			A	Mis	4,183	
	Palestine, Mis	1,900	80			5	0	0		S	30	AL			
	Tar Springs, Mis	2,135	20			5	0	0		S	20	SL			
	Cypress, Mis		10			1	0	0							
Eldorado W*; Saline; 8S; 6E															
			20	48.0	172.5	2	0	0	1				Mis	3,138	
	#6 Coal, Pen	390 1978	10			1	0	0			x	X			
	Palestine, Mis	1,923 1960	10			1	0	0		S	27	S			
Eagerville E; Macoupin; 8N; 6W															
	Pennsylvanian	650 1982		0	0	1	1	0	0	S		X	Pen	658	



Table 9. continued

Field; county; location by township and range	Name and age	Depth (ft)	Year of dis- covery	Gas Production million cu ft			Number of wells			Pro- ducing end of year	Pay zone			Deepest test	
				Area proved in acres	During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982		Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Ficklin; Douglas; 16N; 8E															
Spar Mtn, Mis	1,444	1966		40	0	0	1	0	0	0	S	20	X	Cam	5,301
Fishhook Gas; Adams, Pike; 3-4S; 4-5W															
Edgewood, Sil	450	1955		7,260	297.8	1,174.3	69	0	0	5	L	5	X	St. P	1,018
Freeburg* <sup>††</sup> ; St. Clair; 1-2S; 7W															
Cypress	380	1956		700	0	x	29	0	0	0	S	30	X	Ord	2,008
Gillespie-Benld (Gas) <sup>††</sup> ; Macoupin; 8N; 6W															
Unnamed, Pen	540	1923		80	0	135.8	5	0	0	0	S	x	A	Pen	603
					Abd 1935										
Gillespie W; Macoupin; 8N; 7W															
Unnamed, Pen	525	1958		10	0	0	1	0	0	0	S	x	X	Pen	565
					Abd 1976										
Grandview-Inclose; Clark, Edgar; 12-13N; 13-14W															
		1941		1,350	58.9	x	65	1	0	18			M	Ord	2,694
Gas, Pen	400			1,310			64	1			S	x	ML		
Salem, Mis	570			40			1	0			L	2	ML		
Greenville Gas*; Bond; 5N; 3W															
Lindley (1st and 2nd), Mis	925	1910		180	0	990.0	4	0	0	0	S	x	A	Trn	3,184
					Abd 1923; rev 1957; abd 1958										
Griggsville; Pike; 4S; 3W															
Silurian	360	1982		60	0	0	2	2	0	0	L	20	X	Sil	381
Harco, Harco E, Harco S, and Raleigh S*; Saline; 8S; 5E															
X, Mis	x	1954		x	0.4	2,416.0	x	0	0	1				Mis	4,400
Harrisburg*; Saline; 8S; 6E															
Tar Springs, Mis	2,085	1952		160	0	93.2	1	0	0	0	S	6	X	Mis	2,930
					Abd 1971										
Herald C*; Gallatin, White; 6-8S; 9-10E															
		1939		1,080	0	x	19	0	0	0			A	Dev	5,285
Anvil Rock, Pen	700			360			9	0			S	25	AL		
Pennsylvanian	1,750			120			3	0			S	18	AL		
Waltersburg, Mis	2,240			120			3	0			S	10	A		
Tar Springs	2,315			480			4	0			S	6	AL		
Hutton*; Coles; 11N; 10E															
Pennsylvanian	620	1965		80	0	0	2	0	0	0	S	x	X	Ord	3,437
Jacksonville (Gas)*; Morgan; 15N; 9W															
Gas, Pen, Mis	330	1910		1,320	0	x	45	0	0	0	LS	5	ML	Ord	1,390
					Abd 1939										
Johnston City E; Williamson; 8S; 3E															
Tar Springs, Mis	1,930	1965		80	58.5	995.6	4	0	0	1	S	10	X	Mis	2,997
Kansas Gas; Edgar; 13N; 14N															
Unnamed, Pen	410	1958		30	0	x	3	0	0	0	S	x	X	Mis	778
Keenville; Wayne; 1S; 5E															
Salem, Mis	3,620	1978		x	164.3	890.6 <sup>†</sup>	x	x	x	x	L	8	X	Dev	5,050
Lawrence; Lawrence; 3N; 12W															
McClosky, Mis	2,050	1975		10	0	0	1	0	0	0	L	x	X	Cam	9,261
Livingston E; Madison; 6N; 6W															
Pennsylvanian	540	1951		60	0	0	3	0	0	0	S	12	X	Mis	815

Table 9. continued

Field; county; location by township and range	Pay zone  Name and age	Year of dis- covery	Gas Production million cu ft			Number of wells				Pay zone			Deepest test		
			Area proved in acres	During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982	Pro- ducing end of 1982	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)	
Livingston S*; Madison; 6N; 6W															
	Pennsylvanian	530	1950	40	0	0	1	0	0	0	S	2	ML	S11	1,886
Louden**††; Fayette; 7N; 3E															
			1937	1,770	4.3†	×	14	0	0	×			A	Pc	8,616
	Burtschi, Pen	1,000		320			5	0	0		S	20	AL		
	Tar Springs, Mis	1,170		1,440			9	0	0		S	2	AL		
	Devonian	3,150	1981	10			1	0	0			12			
Main C*; Crawford, Lawrence; 5-8N; 10-14W															
			1906	×	0	×	×	5	1	0			M	St. P	5,317
	Robinson, Pen	1,000		×			×	4	1		S	×	ML		
	Hardinsburg, Mis	1,075		160			1	0	0		S	40	ML		
	Cypress, Mis	1,425		320			2	0	0		S	6	ML		
	Benoist	1,500					1	1							
	Aux Vases, Mis	1,527	1959	70			8	1	0		S	8	ML		
	Renault	1,570	1980	10			1	1	0		S	9			
Marion E*; Williamson; 9S; 3E															
	Aux Vases, Mis	2,406	1966	40	0	0	1	0	0	0	S	4	X	Mis	2,642
Marissa W (Gas)*; St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0	×	7	0	0	0	S	25		Ord	2,413
Mattoon*; Coles; 12N; 7E															
	Devonian	3,124	1948	1,100	389.2	9,271.6	36	0	1	14	L	4		St. P	4,915
Mt. Olive*; Montgomery; 8N; 5W															
	Pottsville, Pen	605	1942	100	0	×	4	0	0	0	S	6	A	S11	1,878
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	250	54.3	442.7	10	0	0	3	S	13		Mis	400
New Harmony C*; White, Wabash, Edwards; 1N; 1-5S; 13-14W															
	Pennsylvanian	764	1974	10	0	0	1	0	0	0	S	12		Shk	7,682
New Hebron E*; Crawford; 6N; 12W															
	Robinson, Pen	866	1968	30	0	0	3	0	0	0	S	×	X	Mis	1,571
Old Ripley*; Bond; 5N; 4W															
	Cypress	785	1981	10	0	0	1	0	0	0	S	8		Ord	3,085
Omaha*; Gallatin; 7-8S; 8E															
			1940	130	0	221.4	4	0	0	0			D	Dev	5,320
	Palestine, Mis	1,865	1973	10			1	0	0		S		D		
	Tar Springs, Mis	1,900	1940	120			3	0	0		S	15	D		
Panama*; Bond, Montgomery; 7N; 3-4W															
			1940	280	0	×	7	0	0	0			A	Ord	2,950
	Pennsylvanian	575		160			4	0	0		S	30	A		
	Benoist, Mis	865		120			3		0		S	12	A		
Pittsburg; Williamson; 8S; 3E															
	Tar Springs	1,920	1962	40	0	0	4	0	0	0	S	12	X	Mis	2,570
Pittsburg N Gas*; Williamson; 8S; 3E															
	Hardinsburg, Mis	2,151	1962	20	0	10.0	2	0	0	0	S	6		Mis	3,070
Pittsfield (Gas); Pike; 5S; 4-5W															
	Niagaran, S11	265	1886	8,960	0	×	68	0	0	0	L	10	A	Pc	2,226
					Abd 1930										
Plainview*; Macoupin; 8N; 8W															
	Pennsylvanian	441	1961	60	0	0	4	0	0	0	S	20	X	Pen	563

Table 9. continued

Field; county; location by township and range	Pay zone  Name and age	Year of dis- covery	Gas Production million cu ft			Number of wells				Pro- ducing end of year	Pay zone			Deepest test		
			Area proved in acres	During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982	Kind of rock, average thickness, in feet, structure			Zone	Depth (ft)			
Prentice*; Morgan; 16N; 8W																
	Pennsylvanian	260	1953	290	0	0	7	0	0	0	S	15	X	Ord	1,513	
Raleigh*; Saline; 8S; 6E																
	Waltersburg, Mis	2,307	1962	50	0	585.5	2	0	0	0	S	7	X	Dev	5,511	
Redmon N; Edgar; 14N; 13W																
	Pennsylvanian	365	1955	50	0	0	2	0	0	0	S	3	X	Mis	450	
Richwood (Gas) <sup>††</sup> ; Crawford; 6N; 11W																
	Pennsylvanian	612	1959	160	0	28.6	4	0	0	0	S	9	X	Pen	1,001	
Roland C*; Gallatin; 7S; 8E																
	Waltersburg, Mis	2,150	1940	160	0	0	1	0	0	0	S	19	AL	Dev	5,266	
Russellville Gas*; Lawrence; 4-5N; 10-11W																
			1937	1,810	0	7,081.6	61	1	0	0			A	Dev	3,133	
	Bridgeport, Pen	760		x	x	x	19	1			S	15	AL			
	Buchanan, Pen	1,100		x	x	x	42	0			S	12	AL			
				Abd 1949												
St. Jacob E; Madison; 3N; 6W																
	Hardin, Dev	1,840	1980	10	4.0	14.6	1	0	0	1	S	8		Ord	2,600	
St. Libory; St. Clair; 1S; 6W																
			1964	280	41.8	384.4	8	0	0	3				Sil	1,997	
	Cypress, Mis	622	1965	40			1	0			S	11	X			
	Benoist, Mis	754	1964	40			1	0			S	22	X			
	Aux Vases, Mis	825	1964	160			4	0			S	10	X			
	Silurian			160			4	0			L		X			
Spanish Needle Creek (Gas); Macoupin; 9N; 7W																
	Unnamed, Pen	305	1915	80	0	14.4	7	0	0	0	S	x	D	Trn	2,070	
				Abd 1934												
Sparta*; Randolph; 4-5S; 5-6W																
	Cypress, Mis	850	1888	160	0	x	18	0	0	0	S	7	D	Trn	3,130	
				Abd 1900												
Staunton (Gas)*; Macoupin; 7N; 7W																
	Unnamed, Pen	460	1916	400	0	1,050.0	18	0	0	0	S	x	A	Ord	2,371	
				Abd 1919												
Stiritz*; Williamson; 8S; 2E																
	Tar Springs, Mis	1,951	1971	10	0	68.1	1	0	0	0	S	14		Dev	4,669	
Stolletown; Clinton; 3N; 3W																
	Cypress, Mis	970	1973	10	0	0	1	0	0	0	S	x	X	Dev	2,505	
Storms C*; White; 5-6S; 9-10E																
			1939	440	0		9	0	0	0			A	Dev	5,308	
	Gas, Pen	1,090		170			2	0			S	40	Af			
	Waltersburg, Mis	2,230		280			7	0			S	15	AL			
Stubblefield S*; 8ond; 4N; 4W																
			1962	270	9.2	416.5	13	0	0	3				Dev	2,455	
	Pennsylvanian	590	1971	50			0				S	x	X			
	Cypress, Mis	920	1962	220			0				S	x	X			
Sumner S (Gas); Lawrence; 3N; 13W																
	Aux Vases, Mis	2,566	1959	40	0	0	2	0	0	0	S	10		Mis	3,100	
Tamaroa*; Perry; 4S; 1W																
	Cypress, Mis	1,120	1942	20	0	0	2	0	0	0	S	13	AL	Trn	4,287	

Table 9. continued

Field; county; location by township and range	Pay zone  Name and age	Year of dis- covery	Gas Production million cu ft			Number of wells				Pay zone			Deepest test		
			Area proved in acres	During 1982	To end of 1982	Completed to end of 1982	Com- pleted in 1982	Aban- doned 1982	Pro- ducing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)	
Tilden N Gas <sup>++</sup> ; Washington, St. Clair; 3S; 5-6W															
	Cypress, Mis	780	1961	x	0	x	x	0	0	0	S	25		Ord	2,810
Waggoner*; Montgomery; 11N; 5W															
	Pottsville, Pen	523	1959	10	15.0	31.0	1	0	0	1	S	2	X	Sil	1,945
Wamac E <sup>++</sup> ; Marion; 1N; 1E															
	Petro, Pen	856	1958	90	0	x	9	0	0	0	S	x	M	Dev	3,405
Waverly <sup>++</sup> ; Morgan; 13N; 8W															
			1946	900	0	0	8	0	0	0			A	Ord	2,070
	Pennsylvanian	250		160			1	0			S	13	AL		
	Devonian	1,000		700			6	0			L	10	A		
	Trenton, Ord	1,513	1963	40			1	0			L		X		
Westfield E*; Clark; 12N; 14W															
	Pennsylvanian	400	1947	60	0	0	3	0	0	0	S	11	ML	Mis	795
Totals for Illinois (estimated)				37,470	1,161.6	35,395.9	862	10	2	57					

# Part II. Waterflood Operations

Jaclyn Rendall Elyn

## SUMMARY OF SECONDARY RECOVERY OPERATIONS

In 1982, 2 projects were reactivated and 8 waterflood projects were reported for the first time by their respective operators. Five waterfloods were reported abandoned during the year or earlier.

Data for older waterfloods, active and abandoned, and information for the newly reported projects are included in table 11 and summarized in tables 10, 12, 13, and 14.

New projects increased the area subject to fluid injection by 1,405 pay acres. Total pay acreage under waterflood is now 401,581 acres. Pressure maintenance area remains at 4,060 acres. Total pay area subject to secondary recovery is 405,641 acres or 46.4 percent of the total productive area in Illinois.

Secondary recovery oil production in 1982 was 9,655,800 barrels, a decline of 12.6 percent from 1981. Waterfloods accounted for 9,552,100 barrels or 34.5 percent of the total oil produced during 1982 in Illinois; pressure maintenance projects reported 103,700 barrels or 0.37 percent of the total oil produced during 1982.

The assistance of the operators in making their waterflood data available to the Illinois State Geological Survey is acknowledged with gratitude.

## EXPLANATION OF TABLES

Table 10, "Project numbers by county and summary of waterflood projects in 1982" lists the counties having waterflood activity, the range of county numbers, and the number and status of projects in each county.

Table 11, "Waterflood operations in Illinois, 1982," is a summary of the data for each secondary recovery project, active and abandoned. Data furnished by the operators are included in this table. If no data are reported for a project, estimates of water injection and water production are made on the basis of past performance, and oil production figures are obtained from the Petroleum

Information Corporation's production reports.

Table 12, "Illinois waterfloods for 1982 by counties," is a summary of waterflood data for each county. For those waterfloods that are located along county lines and extend into more than one county, the project is assigned to the county in which the larger areal portion is located. Data are tabulated as though the entire project were in that county.

Table 13, "Illinois oil fields having active waterfloods during 1982," is a tabulation of statistics for those fields in which secondary recovery oil is being produced.

Table 14, "Summary of waterflood statistics 1949-1982," is a tabulation of waterflood data, compiled on an annual basis for the past 34 years.

## CONCLUSION

The continued decline in the percentage of oil produced by secondary recovery methods in ratio to the total oil produced in Illinois in some measure reflects the amount of new oil being found due to expanded exploratory drilling in the state.

## ABBREVIATIONS

The following abbreviations are used in tables 10 through 14:

abd - abandoned  
adj - adjacent  
cum - cumulative  
D.F. - dump flood  
disc - discontinued  
est - estimate, estimated  
excl - excludes, excluding, excluded  
form - formerly  
temp - temporary, temporarily  
incl - includes, including, included  
inj - injection  
N.A. - not available  
op - operator, operation  
P.M. - pressure maintenance  
prim - primary  
prod - production  
S.D. - shut down



Table 10. Project numbers by county and summary of waterflood projects in 1982.

Range of county numbers	County	Active water-floods	Active pressure maintenance	Abandoned	Total
001-007	Bond	5	0	3	8
100-107	Christian	8	0	0	8
200-231	Clark	7	0	21	28
300-393	Clay	48	0	44	92
400-420	Clintron	14	1	6	21
500-525	Coles	11	0	15	26
589-698	Crawford	50	0	48	98
700-708	Cumberland	5	0	3	8
800-802	Douglas	0	0	3	3
900-907	Edgar	7	0	1	8
1000-1042	Edwards	25	1	17	43
1100-1121	Effingham	17	0	5	22
1200-1255	Fayette	47	0	9	56
1300-1344	Franklin	24	0	20	44
1400-1459	Gallatin	28	0	32	60
1500-1578	Hamilton	29	0	48	77
1900-1931	Jasper	12	0	19	31
2000-2037	Jefferson	22	1	14	37
2200-2295	Lawrence	67	0	27	94
2300-	Macon	0	0	1	1
2400-	Macoupin	1	0	0	1
2500-2509	Madison	7	0	3	10
2600-2640	Marion	26	0	14	40
2900-	Montgomery	0	0	1	1
3100-3101	Perry	2	0	0	2
3400-3449	Richland	24	0	26	50
3600-3627	Saline	15	0	12	27
3800-3803	Shelby	3	0	1	4
3836-3999	Wabash	82	0	75	155
4000-4026	Washington	26	0	2	28
4046-4199	Wayne	90	0	62	152
4200-4459	White	151	0	111	262
4501-4505	Williamson	5	0	0	5
	Total	858	3	643	1,504

Table 11. Waterflood operations in Illinois, 1982.

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R		TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.		
* = ABO					1982 * 12/82	1982 * 12/82	1982 * 12/82		
* = P.M.									
AB LAKE W. GALLATIN	AB LAKE WEST UNIT	WALTERSBURG	30,31-8S-10E		1091	184*	526*		
*1417 COY OIL CO	AB LAKE WEST UNIT	AUX VASES	30,31-3S-10E		219	*	*		
*1421 COY OIL CO	GOLOEN-CONN	WALTERSBURG	29,31,32-8S-10E		400*	70*	400*		
*1452 PAUL S. KNIGHT									
ADEN C. HAMILTON, WAYNE	SW FAIRFIELD UNIT	AUX VASES	22-2S-7E		1650*	0.2	139	16	830*
*4158 FAIRFIELD OIL CO	ADEN SOUTH	AUX VASES	8,9,16,17,20-3S-7E		6136	1050	3418*		
*4101 TEXACO, INC.	ADEN SOUTH	MCCLOSKEY	8,9,16,17,20-3S-7E		6506	660	*		
*4102 TEXACO, INC.	NORTH ADEN UNIT	AUX VASES	28,32,33-2S-7E	230	2695	3.9	68*	200	2695*
*4131 TEXANA, INC.		MCCLOSKEY	4,5,8-3S-7E		16660**				
ADEN S. HAMILTON	SOUTH ADEN UNIT	AUX VASES	29,30-3S-7E		2477	176			
*1521 H. WEINERT EST.		SPAR MTN							
		MCCLOSKEY							
AKIN, FRANKLIN	LARID TRUSTEE A U	AUX VASES	36-6S-4E		139	*	*		
*1310 C. E. BREHM	AKIN SE U	AUX VASES	25-6S-4E	5	2357	0.4	261	5	2357
*1311 C. E. BREHM	U S COAL & COKE	CTPRESS	23-6S-4E		129		42		320*
*1317 C. E. BREHM	U S STEEL	AUX VASES	26-6S-4E	4	617*	0.7	140	4	313*
*1321 C. E. BREHM	AKIN UNIT		35-6S-4E		360*		68		148
*1327 FARRAR OIL CO.									
ALBION C. EDWARDS, WHITE	S ALBION L BIEHL U	BIEHL	1-3S-10E, 35, 36-2S-10E		3226	734	2367		
*1011 ACME CASING	H. WICK	BRIDGEPORT	24-2S-10E	65*	2750*	1.4	166	65*	2437*
1002 NICK BABARE		WALTERSBURG							
		OHARA							
1020 C. E. BREHM	MICHAELS	BIEHL	11-3S-10E	+	+	4.8	158	25*	625*
*4201 CONCHO PET. CO.	NORTH CROSSVILLE UNIT	CTPRESS	27,34,35-3S-10E		3620		313		1270
*4202 CONCHO PET. CO.	N. CROSSVILLE U	TAR SPRINGS	36,35-3S-10E		863		58		99
*1014 CONTINENTAL OIL	STAFFORD	MCCLOSKEY	13-2S-10E		625		43		637
*1038 DELTA OIL CORP.	MORTON-WORKS	MCCLOSKEY	13-2S-10E		2030*		126**		2030*
4230 F T & S OIL CO.	BIEHL U 1	BIEHL	22,23-3S-10E	43*	10156	1.2	1366	100*	3964
4308 F T & S OIL CO.	W GRAYVILLE U	BETHEL	23-3S-10E	70	3206	4.4	431	140	1292
		AUX VASES							
*1015 FIRST NATL PET	BROWN	AUX VASES	6-2S-11E		120*		14**		130*
1006 GETTY OIL CO	SW ALBION BIEHL SO U	BIEHL	2,11,14-3S-10E	133	23424	12.8	1790	369	17004
*1026 J&M OIL CO	MAXWELL-MOSSBARGER	BETHEL	15-3S-10E		569		43		599
1005 BERNARD PODOLSKY	ALBION E U	AUX VASES	1-2S-10E, 6-2S-11E	*	2284	0.2	201	12	1236
*1030 REESTOCK OIL CO.	BIEHL U 2	BIEHL	14-3S-10E		4194*		610*		1215*
*1016 REESTOCK OIL CO.	EAST ALBION UNIT	AUX VASES	36-1S-10E, 31-1S-11E		1756		192		459
4321 J. W. RUDY ORLG.	ROBINSON	TAR SPRING	23-3S-10E	15*	259*	1.1	20	15*	223*
		BETHEL							
4434 J. W. RUDY ORLG.	GRIESEBAUM	CYPRESS	26-3S-10E	60*	552*	2.0	41	50*	558*
		BETHEL							
1012 SABER OIL CO	MUNTING LSE	AUX VASES	12-2S-10E	75*	1565*	3.5	170*	75*	1565*
1033 SABER OIL CO	ALBION U	AUX VASES	12-2S-10E, 27, 18-2S-11E	100	3618*	7.6	388	100	1666*
		OHARA							
1001 JACKETT ENT.	SOUTH ALBION U BIEHL	BIEHL	1,2-3S-10E	65*	3820*	4.3	538	65*	2734*
1037 SO. TRIANGLE CO.	SOUTH ALBION WF	BETHEL	24,25-2S-10E	50	1473	6.2	121	17*	837
1003 SUPERIOR OIL CO.	30,31-2S-11E SRPU 1	BIEHL	25,30-2S-10E	754	16113	6.9	2052	314	8553
		WALTERSBURG	30,31-2S-11E						
1004 SUPERIOR OIL CO.	SOUTH ALBION UNIT 2	MANSFIELD	1,2,11,12-3S-10E	496	5626	34.0*	2174*	650*	20641*
		BRIDGEPORT		209	9872				
		BIEHL		114	7136				
		WALTERSBURG			2335				
		BENOIST		127	173				
		AUX VASES			1328				
1032 SUPERIOR OIL CO.	WORKS UNIT	WALTERSBURG	18,19-2S-11E	41	1139	18.7*	187*	244*	1815*
		BETHEL		95	486*				
		AUX VASES			39				
		MCCLOSKEY		214	1188*				
1036 SUPERIOR OIL CO.	WILLEYT	WALTERSBURG	30-2S-11E	12	197		594		1276
*1030 TEXACO, INC.	BARNES EAST	WALTERSBURG	24-2S-10E		544*		33		537
1039 TEXACO, INC.	G. WORKS	BETHEL	13-2S-10E	108	2019	2.7	133	74	1971*
		AUX VASES							
		MCCLOSKEY							
1035 RICHARD M. URASH	RK EAST ALBION UNIT	AUX VASES	6-2S-11E, 1-2S-10E	15*	1639*	0.9	121	15*	453*
*4353 P. G. WALL	GRATVILLE WEST U	CYPRESS	22-3S-10E		219*		51*		265*
1031 WARRIOR OIL CO.	E. ALBION WALT. SAND U.	WALTERSBURG	31-1S-14W, 6-2S-14W	7	5898	0.9	761	2	2590
ALBION EAST, EDWARDS	ALBION EAST	CTPRESS	26-2S-14W	165*	1669	31.2	454	165*	1630*
1040 ZANETIS OIL PROP		BETHEL							
		OHARA							
ALLENDALE, LAWRENCE, WABASH	FRIENOSVILLE COOP	BIEHL	30-1N-12W	*	4970*	1.9	332	*	4541*
3969 ASHLAND O AND R	HOVERMALE	BETHEL	36-2N-12W		64*		2*		12*
*3865 JOHN BLEDSOE, JR	NATLOR-ROBSN-PAYNE	BIEHL	8-1N-12W		1030**		230**		1030**
*3848 CHARLES E. CARR	PATTON COOP	CYPRESS	28-1N-12W		1030**		136**		590**
*3847 G. S. ENGLE	YOUNG WF	BETHEL	1-1N-12W		238*		+		+
*3971 T. W. GEORGE EST.	BUCHANAN	CYPRESS	33-1N-12W		367		44		26
*3990 H AND H OIL CO	GILLIATT-ALKA	BIEHL	13-1N-12W		2735		244		
*3930 CECIL A. HAMMAN	JOHN SCHAFER	ST. LOUIS	15-1N-12W	*	11	*	4	*	11
3836 HOCKING OIL	FRENCH ET AL	BIEHL	32-2N-12W		39		10		5
*3869 ILLINOIS OIL CO.	PRICE HEIRS	BRIDGEPORT	2-1N-12W	+	228**	+	16*	+	191**
3899 ILLINOIS OIL CO.	YOUNG	BIEHL	1-1N-12W		4547*		235**		1341**
*3906 ILLINOIS OIL CO.	WOODS "C"	BIEHL	20-1N-12W		633		45		559
*3944 INO. FARM BUR.	KEYSER "3"	BIEHL	13-1N-12W		303		20		*
*3992 INO. FARM BUR.	MERSMET-COGAN	BIEHL	35-2N-12W		9*				
3898 JACK KENEIPP		CTPRESS		20*	780*	1.2	31*	20*	631**
		BIEHL	35-2N-12W	15*	1147*	0.9*	205*	25**	3042**
		CYPRESS		10*	329*				
3966 JACK KENEIPP	COGAN								

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY										NO. OF				SOURCE				
PROJ. * DEPTH * NET * PDR										WELLS				SD=SAND (F)=FRESH				
* (FT) * PAY * (X) * (HJ)*GRAV										FIRST * DATE * ABD.				UNDER * GR=GRAVEL (B)=BRINE				
* (FT) * (API)*										* INJ. * INJ.				* PROD*PRODUCED (M)=MIXED				
														* SH=SHALLOW				
AB LAKE W, GALLATIN																		
*1417	2025	17.0	16.3	20	30.9	07-59	06-64	6	9	180	SH GRAY, PENN SD (F)	*INCL 1421						
*1421	2750	10.0	16.3	27	37.1	07-59	06-64	1	2	30	SH GRAY, PENN SD (F)	*INCL WITH 1417						
*1452	2000	15.0				05-64	12-71	2	5	90	PRODUCED(B)	*ESTIMATED						
ADEN C, HAMILTON, WAYNE																		
*4159	3250	9.0	21.0	156	40.0	02-62		1	2	100	PENN SD, PRD (B)	*INJ.DISC.						
*4101	3200	10.0	22.0	150	37.0	08-46	03-66	12	12	640	PRODUCED (B)	*INCL 4102						
*4102	3350	3.6			37.0	08-46	03-66	11	5	640	PRODUCED (B)	*INCL WITH 4101						
*4161	3150	12.0	12.0		36.0	01-64		10	11	1000	PENN SD, PRD(B)	*INCL 80TH PAYS						
	3350	14.0			38.0	01-64		7	6	1000		**THRU 1975						
ADEN S, HAMILTON																		
*1521	3245	21.0				03-64	04-70	4	10	150	PENN SD, PRD (B)							
	3335	10.0						4	10	150								
	3390	3.0						2	2	80								
AKIN, FRANKLIN																		
*1310	3100	20.0				02-60	12-62	2	5	120	CYPRESS (B)	*NO W.F.OIL RECOVERED						
1311	3120	20.0	20.5	175	38.0	10-61		1	1	20	PENN SD, PRD (B)							
*1317	2840	15.0	13.0	90	34.0	05-62	12-76	2	6	80	PENN SD, PRD (B)	*ESTIMATED SINCE 1962						
1321	3100	16.0			38.0	06-65		1	3	60	PENN SD, PRD (B)	*INJ.DISC.79;RESUMED 80						
*1327	3060	14.7			37.0	01-66	05-73	3	3	100	*SWD SINCE 1971	*ESTIMATED; +SWD SINCE 1971						
ALBION C, EDWARDS, WHITE																		
*1011	2080	9.2	16.8	334	32.3	04-51	01-72	2	7	120	PRODUCED (B)							
1002	1550	12.0				01-72		1	1	30	PRODUCED (B)	*ESTIMATED						
	2380	12.0				01-72		1	2	40								
	3150	10.0				07-51		1	4	80								
1020	2055	8.0				6-56		+	3	30	+	*EST.+ADJ.TO PRD 1006 SINCE 56						
*4201	2650	12.0	18.0		37.0	10-52	12-58	3	21	250	RIVER, PRD (M)							
*4202	2450	6.0	18.0		37.0	10-52	12-58	4	5	100	RIVER, PRD (M)							
*1014	3222	4.0	16.3	398	39.0	05-43	12-56	1	7	80	PRODUCED (B)							
*1033	3110	10.0				01-57	01-74	1	6	70	PRODUCED (B)	*EST +INCL PRIM SINCE 1-57						
4200	1900	21.2	20.2	265	38.0	06-43		3	7	170	RIVER, PRD (M)	*EST.1982						
4308	2930	19.0				02-65		4	7	160	SHALLOW SD, PRD(M)	*EST.1982						
	3160	18.0																
*1015	3005	21.0				04-52	07-55	1	1	30	HARDINSBURG (B)	*EST.+INCL.PRIM.52-55						
1006	1850	16.2	13.0	150	32.2	01-55		3	11	403	GRAVEL, PRD (M)							
*1026	2990	8.0				06-62	12-79	1	2	30	PRODUCED (B)							
1005	3050	25.0	15.0	25	41.0	03-66		4	4	90	PURCHASED (F)	*NO INJ.SINCE 1981						
*1000	1900	30.0	19.3	303	35.8	09-50	01-72	2	5	50	RIVER,PRD.(M)	*ESTIMATED SINCE 1969						
*1018	3000	14.3	14.0	13	37.5	11-59	12-67	5	5	340	PENN SD, PRD (B)							
4321	2434	10.0			33.0	06-69		1	1	40	PRODUCED (B)	*ESTIMATED SINCE 1976						
	2932	10.0				11-69		1	2	30								
4434	2770	15.0				11-71		1	1	20	PRODUCED(B)	*ESTIMATED SINCE 1976						
	2950	15.0						2	4	60								
	3050	13.0						1	1	20								
1012	3230	3.0				11-66		1	1	30	PRODUCED (B)	*EST +INCL PRIM PRD						
1033	3025	15.0	17.3	35	39.0	02-66		7	10	200	PENN SD, PRD (B)	*ESTIMATED SINCE 1973						
	3060	13.0						3	9	120								
1001	2075	13.0	20.0	200	33.4	12-55		2	7	110	PRODUCED (B)	*ESTIMATED SINCE 1967						
1037	3030	8.0	15.0	13	36.0	02-72		4	5	240	PENN SAND (B)	*EST.1982						
1003	2025	12.0	13.5	47	36.0	01-55		4	3	222	SH SD, PRD (M)							
	2400	7.1	18.6	74	36.0													
1004	1630	10.0	20.6	53	37.0	01-67		3	8	90	GRAVEL BED, PRD (M)	*INCL ALL PAYS;+ADJ.						
	1670	12.2	20.2			08-56		+	3	20		*SHUT IN 8/22						
	2050	15.3	19.2	338		08-56		1	3	20								
	2430	19.2				06-60	01-72	2	4	60								
	2944	13.0	13.5	25	34.0	10-61		3	2									
	3050	20.0				08-56	01-67	7	8	170								
1032	2356	6.0	19.0	430	34.0	12-65		1	2	20	SH SD (F)	*INCL ALL PAYS;+TEMP ASD 6-63 TO 9-73; +TEMP ASD 1-68 TO 4-77						
	2919	5.0	14.6	10				2	5	20								
	3040	5.0	15.3	53			01-68	3	5	50								
	3068	3.0	14.2	3033				3	4	20	PRODUCED (B)							
1036	2400	8.5	19.2	209	34.0	10-65		1	1	222	SH SD (F)	*INJ. BENEFITS OTHER PROJECT						
*1030	2370	20.0			37.0	11-63	12-66	1	4	40	PRODUCED (B)	*SWD ONLY						
1039	2970	3.0	13.0	22		11-69		2	1	40	PRODUCED(B)	*ADJ.						
	3041	13.0	16.7	153														
	3110	33.0	15.0	205														
1035	3010	19.3				10-66		4	3	70	CITY WATER (F)	*ESTIMATED SINCE 1977						
*4353	2450	12.0	17.0	50	38.0	05-62	01-71	4	5	225	BIEHL, PRD. (B)	*ESTIMATED SINCE 1968						
1031	2250	11.2	20.0	167	36.0	10-65		1	3	132	GRAY, PRD (M)							
ALBION EAST, EDWARDS																		
1040	2770	15.0				09-72		8	15	400	PENN SAND,PRD(M)	*ESTIMATED						
	2890	10.0																
	3070	3.0																
ALLENDALE, LAWRENCE, WABASH																		
*3969	1600	15.0	14.2	335	33.0	10-60		1	2	100	PRODUCED (B)	*INJ DISC 12-79;SWD ONLY						
*3365	1948	30.0	18.7	77	36.4	02-65	01-72	1	1	20	SH SD, PRD (M)	*NO DATA 1966-69;INACTIVE 70-71						
*3842	1520	7.0				7-64	12-76	4	6	100	PRODUCED(B)	*EST.+NO DATA RECEIVED						
*3847	2020	13.0				7-53	6-59	4	5	90	FRESH\$PRD.(M)	*EST.+NO DATA RECEIVED						
*3971	2020	15.0				01-56	04-63	2	2	40	GRAVEL BED (F)	*ESTIMATED; +INCL WITH 3906						
*3990	2000	20.0	16.0	128	39.0	11-59	09-58	1	1	40	GRAVEL BED, PRD (M)							
*3900	1485	15.0	24.6	1066	32.5	11-54	09-68	5	3	35	SH SD, PRD (M)							
3335	2559	5.0	12.0			10-79		1	2	50	PRODUCED(B)	*DATA N/A SINCE 1961						
*3869	1575	8.0	17.0	40	36.0	05-65	01-70	1	1	10	SH SD (F)							
3897	1120	3.0	15.0	150	34.0	11-70		1	1	20	WELL (F)	*ESTIMATED; +INJ. SUSP. 1-78						
*3906	1375	15.0	17.0	150	36.0	01-58	1-75	3	10	120	SH SD, PRD (M)	*ESTIMATED;+INCL 3971						
*3944	1520	15.0			28.4	11-53	06-57	5	7	147	PRODUCED (B)							
*3992	1450	9.0			37.0	07-59	10-66	1	2	60	SH SD, PRD (M)	*INCL WITH 3964						
3898	1388	12.0				10-61	01-72	1	1	10	SH SD, PRD (M)	*ESTIMATED; +INCL BOTH PAYS						
	1920	13.0				07-62		1	1	20								
3966	1380	13.0	18.0			06-60		2	3	18	SH SD, PRD (M)	*INCL 80TH PAYS; +ESTIMATED						
	1920	10.0				09-61		2	4	18								

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
+ = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82			
*****										
ALLENDALE, LAWRENCE, WABASH										
CONTINUED										
*3999 JACK KENEIPP	WALSER	TAR SPRINGS	2-1N-12W		26	5	6			
3902 KIEFFER BROS.	PRICE-ROBINSON	BIEM	14-1N-12W		50	698*	1.0	43	50*	632*
*3952 L AND M DRILLING	STANLEY PRICE	BIEM	19-1N-12W			887		167		348
3905 HERMAN LOEB	ALLENDALE (FLOOD 19)	BIEM	3,4,9,10-1N-12W		325*	40009*	22.0	2202		
	JORDAN									
3871 O. LOEFFLER ESTATE.	FRIENDSVILLE EAST U.	BIEM	18,19-1N-12W;		260*	3059*	6.9	523	260*	2608*
			13,24-1N-13W							
3883 O. LOEFFLER ESTATE.	G.O. ADAMS COOP	CYPRESS	16-1N-12W		10*	739*	0.2	71	10*	577*
	BETHEL									
3901 O. LOEFFLER ESTATE.	CLARK, BARMY-PINNICK	TAR SPRINGS	25,36-2N-12W		10*	348*	0.5	31	10*	233*
3951 O. LOEFFLER ESTATE.	ALLENDALE WEST U	BIEM	8-1N-12W		15*	5275*	0.4	531	15*	3584*
3996 O. LOEFFLER ESTATE.	SPARKS-PETER UNIT	BIEM	36-2N-12W		50*	1452*	0.3	81	50*	1490*
3911 C.A. ROBINSON	MAOEN	BIEM	6,7-1N-11W			588*		14*		300**
*3964 ROYALCO, INC.	ALLENDALE U	BETHEL	13-1N-12W			4764		313		1544*
*3993 ROYALCO, INC.	STILLWELL COURTER U	WALTERSBURG	21,22-1N-12W			1625		341		653
	CYPRESS									
*3920 SKILES OIL CORP.	YELTON-KERZAN	BIEM	5-1N-12W			*		53		73
2231 WAYNE SMITH, OP.	SANO BARREN UNIT 1	BIEM	26-2N-12W			3864	*	399		3465
	JORDAN									
2232 WAYNE SMITH, OP.	SANO BARREN UNIT 2	BIEM	23,26-2N-12W			798	*	205		347
*3903 WAYNE SMITH, OP.	TAYLOR-WHEATLEY	BIEM	7,18-1N-12W			1124		217		909
	JORDAN									
*3908 WAYNE SMITH, OP.	SHAW-SMITH-NIGH	BIEM	35-2N-12W			1536		120		1466
	JORDAN									
3859 SO. TRIANGLE CO.	STOLTZ U	BIEM	25-1N-12W		76	859	4.7	105	76	676
*3904 TAMARACK PET.	PATTON C	CYPRESS	28-1N-12W			644*		90*		147*
*2201 TRIPLE 8 OIL CO	HERSHEY U	BETHEL	27,34,35-2N-12W			1325*		94*		537*
3868 UNIVERSAL OPTNG	LITHELAND-SMITH UNIT	BIEM	5-1N-12W		4*	1685	0.7	136	4*	1141*
*3973 UNIVERSAL OPTNG	SOUTH ALLENDALE	BIEM	15-1N-12W			845		38*		247*
3909 WOLL & PAYNE BROS.	ALLENDALE U	BIEM	3-1N-12W		365	5903*	3.7	293*	365	4930*
	JORDAN									
*3860 ZANETIS OIL PROP	MAWF	CYPRESS	15-1N-12W			151*		25*		151*
ASHLEY, WASHINGTON										
4023 N. A. BALORIOGE	ASHLEY	BENOIST	32,33-2S-1W		150*	4550*	6.5	289	150*	4550*
ASHLEY E, WASHINGTON										
4022 N. A. BALORIOGE	ASHLEY EAST	BENOIST	25,26-2S-1W		25*	980*	0.7	59	25*	980*
ASSUMPTION C, CHRISTIAN										
104 FEAR AND OUNCAN	ASSUMPTION WFU	LINGLE	17,20-13N-1E		200*	2539*	10.9	182	200*	2261*
100 JUNIPER PETROLEUM C	BENOIST	BENOIST	3,4,9,10-13N-1E		598*	9468	21.6*	1504	424*	4374
101 JUNIPER PETROLEUM C	DEVONIAN	LINGLE	3,4,9,10,15,16-13N-1E		*	26194	*	2162	*	10835
102 JUNIPER PETROLEUM C	ROSICLARE	SPAR MTN	9,10-13N-1E		*	5607	*	1108	*	5130
105 J. W. RUOY ORLG.	PEABODY-RIOGE	LINGLE	16-13N-1E		80*	1750*	9.6	199	80*	1247*
BARNHILL, WAYNE, WHITE										
*4103 ASHLAND O AND R	BARNHILL U	MCCLOSKEY	26,34,35-2S-8E			9137		1235		
4170 BERNARD PODOLSKY	BOZE UNIT	AUX VASES	27,28,34-2S-8E		*	851*	0.9	136	12	541
4171 BERNARD PODOLSKY	CALDWELL UNIT	AUX VASES	34-2S-8E		166*	2049*	0.1	96	202	1261
*4199 SAM TIPPS	BOZE U	AUX VASES	28,33,34-2S-8E			319		38		
*4129 WAYNE OEV	WALTER	MCCLOSKEY	26-2S-8E			144		21*		119
*4104 WILLETS AND PAUL	BARNHILL UNIT	AUX VASES	27,28-2S-8E			4090		491		1880
*4105 WILLETS AND PAUL	BARNHILL UNIT	OHARA	27-2S-8E			53		7		2
BARTELSON, CLINTON										
402 ED KAPES	H.S. WOODARD, TRUSTEE	CYPRESS	5,8-1N-3W		75*	3021*	3.3	191	75*	3270*
* 400 T. R. KERWIN	BELLE OIL	CYPRESS	4-1N-3W			978		135*		187
* 401 ROBBEN OIL CO.	ROBBEN OIL UNIT	CYPRESS	4-1N-3W			3100		639*		1621
BEAUCOUP, WASHINGTON										
4013 COLLINS BROS.	BEAUCOUP UNIT	CLEAR CREEK	9,10-2S-2W		96*	1856	1.5	24	96*	958
BEAUCOUP S, WASHINGTON										
4005 OIL TECHNOLOGY GROUP	BEAUCOUP S. UNIT	BENOIST	33,34-2S-2W		42	10738	3.6	455	240	9839
4008 GEORGE THOMPSON	GILBERT	BENOIST	34-2S-2W			177*		41*		177*
BEAVER CREEK, BONO, CLINTON										
* 1 T. M. CONREY, JR	WRONE C	BENOIST	36-4N-3W			106		23		
2 K W B OIL PROP. MGMT	JACOBS	BENOIST	31-4N-2W		22	458	1.2	23	29	454
BEAVER CREEK S, BONO, CLINTON										
415 NICK BABARE	MORO	BENOIST	5-3N-2W		*	*	1.0	21		
405 T. M. CONREY, JR	R-K-R-S	BENOIST	12,13,14-3N-3W		125*	2877*	7.9	318	125*	2841*
BELLAIR, CRAWFORD, JASPER										
600 BELLAIR OIL	BELLAIR	PENNSYLVNIN	2,11,12-8N-14W		40*	32203*	1.0	909	40*	7885**
601 BELLAIR OIL	FULTON (BELLAIR)	PENNSYLVNIN	1,2,11,12-8N-14W		275*	63495*	9.8	1675	275*	35777*
* 666 MAUSAU PET. CORP	GRANT	CYPRESS	13-8N-14W			1343		161		380
BELLE PRAIRIE, HAMILTON										
1577 CARL BUSBY	HLBR, SHPRO, LEACH, BONA	MCCLOSKEY	1,2,11-4S-6E		*	620	3.3*	148*	*	560
BEMAN, LAWRENCE										
*2248 E. L. WHITHER	DECATUR INVESTMENT	STE GEN	23,24-3N-11W			683		40		400
2287 ZANEYIS OIL PROP	ALEXANDER	STE GEN	23-3N-11W		30	737	0.8	27	30*	704*
BENTON, FRANKLIN										
1300 OIL TECHNOLOGY GROUP	BENTON U	TAR SPRINGS	23,24,25,26,35,36-6S-		1590	223439	24.6	19752	2178	168732
			2E; 18,30,31-6S-3E							
1314 OIL TECHNOLOGY GROUP	SHELL-BENTON OEEP	AUX VASES	25,36-6S-2E		588	11721	12.0	1699	599	7259
		OHARA								
		MCCLOSKEY								



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)				DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY												
PROJ.	DEPTH	NET	PDR	PERM	OIL	DATE	DATE	NO. OF	ACRES	SOURCE	TYPE	
NO.	(FT)	PAT	(%)	(MD)	GRAV	FIRST	ABD.	WELLS	UNDER	SD=SAND	(F)=FRESH	
		(FT)			(API)	INJ.		INJ.	PRDD	INJ.	GR=GRAVEL	(B)=BRINE
										PRDD=PRODUCED	(M)=MIXED	
										SH=SHALLOW		
ALLENDALE, LAWRENCE, WABASH												
CONTINUED												
*3999	1553	11.0				07-62	10-64	1	1	20	SH SD, PRDD (M)	
3902	1472	10.0	17.0		35.0	12-65		2	2	20	SH SD, PRDD (M)	
*3952	1520	20.0	18.0	450	33.0	11-54	01-60	1	3	40	SH WELL (F)	
3905	1465	15.0	17.7	390	35.7	06-55		21	18	307	GRAVEL BED (F)	*ESTIMATED SINCE 1971
	1495	13.0	14.9	100								
3371	1520	20.0	15.0	200	35.0	06-64		3	8	100	SH SD (F)	*ESTIMATED SINCE 1972
3883	1996	10.0			37.0	05-64		1	3	40	SH SD, PROD (M)	*ESTIMATED SINCE 1972
	2110	10.0						1	3	40		
3901	1500	10.0	16.0	40	33.0	08-66		1	2	30	SH WELL (F)	*ESTIMATED SINCE 1972
3951	1500	20.0	17.8	450	35.0	03-58		4	3	80	SH SD, PROD (M)	*ESTIMATED SINCE 1972
3996	1375	15.0	16.0	200	37.0	10-62		3	3	50	SH SD, PRDD (M)	*ESTIMATED SINCE 1972
3911	1450	20.0	18.0			10-66		3	6	153	SH SD (F)	*EST. + OP. SUSP. 1970, NO DATA
*3964	2120	20.0	20.1	115	36.5	07-59	12-69	10	14	180	PRODUCED (B)	*INCL 3992
*3993	1930	11.0	18.6	45	33.4	01-62	11-68	1	1	30	RIVER, PROD (M)	
	2000	10.0			36.9			5	10	180		
*3920	1600	15.0	18.0		35.5	06-66	12-70		2	20		*AOJ TO ACTIVE WF
2231	1300	18.0			34.0	09-57		10	7	75	SURFACE, PROD (M)	*NO DATA SINCE 1981
	1340	8.0										
2232	1280	20.0			33.0	06-58		3	10	65	SURFACE, PROD (M)	*NO DATA SINCE 1981
*3903	1400	15.0				06-57	12-66	4	6	50	RIVER GRAV, PRDD (M)	
	1440	8.0										
*3908	1360	15.0			34.0	09-57	01-72	2	6	45	SURFACE, PROD (M)	
	1420	8.0										
3859	1450	10.0	17.0	150	32.5	01-69		2	2	60	SH GRAVEL (F)	
*3704	1800	16.0			34.8	01-54	12-60	4	7	130	RIVER GRAV, PRDD (M)	*ESTIMATED
*2201	2010	12.0			37.0	01-67	07-74	7	8	150	PENN SD, PROD (B)	*ESTIMATED SINCE 1963
3868	1500	15.0			37.0	04-65		1	3	60	PENN SD, PROD (B)	*ESTIMATED
*3973	1480	13.0	15.0	160	32.9	03-61	09-67	6	3	60	SH SD, PROD (M)	*INCL PRIM PROD SINCE 1961
												*EST FOR 1964-66
3909	1500	18.0	15.0	1400	34.0	09-53		2	3	80	TAR SPGS, PRDD (B)	
	1538	14.0										
*3860	2039	7.0			36.2	06-68	12-77	2	2	30	PRODUCED (B)	*ESTIMATED SINCE 1976
ASHLEY, WASHINGTON												
4023	1440	7.0				11-56		4	14	180	PRODUCED (B)	*ESTIMATED
ASHLEY E, WASHINGTON												
4022	1650	9.0				07-69		2	4	60	PRODUCED (B)	*ESTIMATED
ASSUMPTION C, CHRISTIAN												
104	2329	25.0			40.0	06-66		2	8	200	PRODUCED (B)	*ESTIMATED SINCE 1970
100	1050	13.0	19.0	100	38.0	07-50		2	9	40	PRODUCED (B)	*INC. PROJ. 101 & 102 FOR 1982
101	2300	13.0	12.0	50	40.0	05-55		16	24	640	PRODUCED (B)	*INCL. WITH PROJ. 100 FOR 1982
102	1150	12.0	22.0	501	39.3	06-55		2	4	40	PRODUCED (B)	*INCL. WITH PROJ. 100 FOR 1982
105	2290	15.0			42.3	11-67		6	8	280	PRODUCED (B)	*ESTIMATED SINCE 1976
BARNHILL, WAYNE, WHITE												
*4103	3350	9.0			37.0	01-51	03-63	10	22	260	CTPRESS (B)	
4170	3300	14.0			38.2	10-63		4	4	120	PENN SD (B)	*TEMP SHUT-DOWN 3-72
4171	3560	15.0			36.9	10-63		6	4	200	PENN SD (B)	*INJ. CURTAILED 1973-1982
*4199	3328	25.0				11-63	12-70	2	4	70	PENN SD, PRDD (B)	
*4129	3450	18.0				12-50	01-55	1	2	40	CTPRESS (B)	*INCL PRIM PROD
*4104	3250	14.0	18.7	42	38.0	10-56	12-66	12	10	230	PENN SD, PRDD (B)	
*4105	3323	8.0	20.1	108	39.0	10-56	12-59	2	6	40	PENN SD, PRDD (B)	
BARTELSON, CLINTON												
402	970	18.0	21.0	210	38.0	01-54		5	3	80	PRODUCED (B)	*ESTIMATED
*405	970	15.0	22.2	165	37.0	04-52	01-63*	5	5	40	TAR SPRINGS (B)	*ESTIMATED
*401	980	12.0	20.0	110	36.9	11-53	01-63*	12	19	200	BETHEL, PRDD (B)	*ESTIMATED
BEAUDUP, WASHINGTON												
4013	3046	5.2	12.0	115	38.0	10-70		1	4	280	PENN SD (M)	*ESTIMATED SINCE 1979
BEAUCOUP S, WASHINGTON												
4305	1440	6.0	19.0	240	36.0	11-60		7	10	230	PENN SD, PRDD (B)	
4008	1445	6.0	17.5	111	36.0	01-55		1	1	27	PRODUCED (B)	*EST 70-81, *INCL PRIM. NO PROD 82
BEAVER CREEK, BOND, CLINTON												
*1	1140	8.0	20.7	208	37.4	07-53	12-61	1	4	40	PRDD (B)	
2	1100	10.0	20.0	110		06-68		1	1	10	PRODUCED (B)	
BEAVER CREEK S, BONO, CLINTON												
415	1180	12.0			33.0	08-69		1	4	40	CYPRESS, PENN (B)	*DUMP FLOOD
405	1110	8.0			34.0	01-56		3	11	140	PRODUCED (B)	*ESTIMATED
BELLAIR, CRAWFORD, JASPER												
600	600	38.0	17.1	148	31.0	07-48		56	50	204	SH SD, PRDD (M)	*ESTIMATED *SINCE 1-64
601	560	21.0	19.0	149	32.0	07-48		35	69	445	GRAV, PROD (M)	*ESTIMATED
*666	950	16.0	17.2	125	39.0	02-53	02-61	15	11	70	PENN SD, PRDD (M)	
BELLE PRAIRIE, HAMILTON												
1577	3400	7.0				03-63		1	8	160	PRODUCED (B)	*INJ. DISC. *INCL. PRIM SINCE 70
BEMAN, LAWRENCE												
*2248	1850	10.0				09-63	10-67	4	7	200	PRODUCED (B)	
2287	1850	5.0				10-68		2	2	80	PRODUCED (B)	*ESTIMATED
BENTON, FRANKLIN												
1300	2100	35.0	19.0	165	37.5	11-49		32	26	2200	LAKE, PRDD (M)	
1314	2760	17.0	18.2		39.0	05-62		9	15	550	CYPRESS, PROD (M)	
	2810	7.0						7		320		
	2890	12.0						6		320		



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R						
* = ABO					* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.		
* = P.M.					* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82		
*****									
BENTON N, FRANKLIN *1328 FARRAR OIL CO.	BENTON NORTH UNIT	BETHEL AUX VASES OHARA	25,35,36-5S-2E		3458		740		1855
1332 H & W OIL CO	BENTON NORTH	MCCLOSKEY	36-5S-2E		+	1241**	+	113+	700**
*1326 SHAKESPEARE OIL	NORTH BENTON UNIT	PAINT CREEK PAINT CREEK OHARA SPAR MTN	1-6S-2E			3673*		466*	1456*
BERRYVILLE C, EDWARDS, WABASH *3942 PHILLIPS PET. CO	TARPLEY C	MCCLOSKEY	2-1N-14W		35				103
*3943 PHILLIPS PET. CO	TOWNSENO	MCCLOSKEY	35-2N-14W		50				86
1024 PROSPECT PETRO. CORP W SALEM WFU		SPAR MTN	9-1N-14W		50	1817*	1.1	416	824*
BLACKLAND, CHRISTIAN, MACON *2300 FEAR AND OUNCAN	OAMERY C	SILURIAN	5-15N-1E		6				4
BONE GAP C, EDWARDS *1013 R. G. CANTRELL	BONE GAP UNIT	WALTERSBURG	18-1S-14W		70*	3233*	4.4	599	70*
1034 BERNARD POOLSKY	BONE GAP SOUTH U	CYPRESS	19-1S-14W		62	637	0.4	38	291*
BOULDER, CLINTON * 411 TEXACO, INC.	BOULOER BENOIST SO U	BENOIST	2-2N-2W,35,36-3N-2W		9234		681		4368
BOURBON C, OUGLAS * 800 T. J. LOGUE	BOURBON POOL WF	SPAR MTN	2,11,12-15N-7E		6000*		500*		
BOYO, JEFFERSON 2000 N. A. BALDRIDGE	BOYO FIELD UNIT	BENOIST AUX VASES	18,19,20,29,30-1S-2E; 13,24,25-1S-1E		200*	59349** 18628*	6.7	4357	200* 47799*
BROWN, MARION 2615 DONALD G. GEARY	LEONARD-LANCASTER	CYPRESS	16-1N-1E		20	529*	1.5	35	10 265*
BROWNS, EDWARDS, WABASH 3850 GALLAGHER DRILLING	SCHONAHAN WF	OHARA	3,10-2S-14W		35*	749*	10.2	395*	5* 130*
1021 SUPERIOR OIL CO.	BROWNS U CYP-BETHEL	CYPRESS	28,33-1S-14W		368	3308	9.3*	458	99* 1155
3894 TARTAN OIL CO.	BROWNS U	BETHEL TAR SPRINGS CYPRESS	33-1S-14W		116	1386*	1.0	38	24* 1195*
BROWNS E, WABASH *3912 T. W. GEORGE EST.	BELLMONT WF ASSOC	CYPRESS	1,2,11,12-2S-14W		3039		905*		1122
*3914 T. W. GEORGE EST.	SOUTH BELLMONT	CYPRESS	11,14-2S-14W		276		18		22
*3913 MOBIL OIL CORP.	BELLMONT	CYPRESS	2,11-2S-14W		822*		582		268
3950 RAM OIL CO.	MORRIS-BELLMONT	CYPRESS	11-2S-14W		100	1507	0.7	146	10 556*
BUNGAY C, MAHLTON *1554 ALENE BLADES	MAYES	AUX VASES	15-4S-7E			488	41		130
1574 C. E. BREHM	BUNGAY	AUX VASES	15,16-4S-7E		30*	5445*	1.3	712	30* 6445*
1550 COLLINS BROS.	SOUTH BUNGAY UNIT	RENAULT	34,35-4S-7E		214	5184*	1.4	346	210 3705*
1558 COLLINS BROS.	NORTH BUNGAY	RENAULT	13,14,23,24-4S-7E		25*	6070*	0.8	512	25* 3498*
1572 COLLINS BROS.	OCELL	AUX VASES	17-4S-7E		220*	2340*	5.8*	194*	200* 2340*
1576 WALTER OUNCAN	WALKER	AUX VASES	16-4S-7E		48	1503	1.0	102	48 1503
1555 EXXON	BUNGAY A V UNIT	AUX VASES	14-4S-7E		26	1230	2.5	388	23 475
1527 FEAR AND OUNCAN	O'CELL	RENAULT	16-4S-7E		50*	1119*	5.3	172	50* 1036*
*1519 MID-STATES OIL PROP	BUNGAY U WF	AUX VASES	21-4S-7E			710*	74*		198*
*1522 R. REBER	BUNGAY 1-A	AUX VASES	26,27,34,35-4S-7E		11011**		857**		8487**
*1500 TEXACO, INC.	BLAIRSVILLE U	AUX VASES	16,17,20,21-4S-7E			7692	699		2457
*1530 TEXACO, INC.	J.A. LYNCH	AUX VASES	16-4S-7E			1921	75		707
CALHOUN C, RICHLAND, WAYNE *3400 ASHLAND O AND R	CALHOUN	MCCLOSKEY	7,18-2N-10E, 13-2N-9E		3032		157		
*3401 SAH TIPPS	BOHLANDER UNIT	MCCLOSKEY	6,7-2N-10E		2175*		235*		1681*
*3447 UNION OIL CALIF.	CALHOUN	MCCLOSKEY	12,13,24-2N-9E		6000*		405*		6000*
CALHOUN E, RICHLAND *3423 ALVA C. DAVIS	SLUNAKER	MCCLOSKEY	7-2S-11E		93*		1*		4*
CALHOUN S, EDWARDS, RICHLAND, WAYNE 4036 ZANETIS OIL PROP	RUTGER	MCCLOSKEY	1,2-1N-9E		8	393	1.2	178	8* 393*
CARLYLE N, CLINTON 407 T. H. CONREY, JR	KREITEHEYER	BENOIST	23-3N-3W		60*	1300*	3.8	114	60* 723*
CARMH, WHITE 4402 ROYAL O AND S	NIEKAMP	MCCLOSKEY	26-5S-9E		50*	608	1.2	90	50* 608
CARMH N, WHITE 4443 NICK BABARE	GATES-REBSTOCK	AUX VASES	3,4-5S-9E		20*	1035*	1.1	82*	20* 845*
CASEY, CLARK * 217 CALVAN AMERICAN	SMANVER	CASEY	23,24-10N-14W		49				
* 201 FOREST OIL CO.	CASEY	CASEY	14,15,23-10N-14W		8030		462		
* 202 D. W. FRANCMOT	N. CASEY	CASEY	33,34-11N-14W 4,5-10N-14W		3032		38		
CENTERVILLE, WHITE 4409 ABSMER OIL CO	BROWN UNIT	OHARA	2-4S-9E		15*	488*	0.7	18	15* 228*
*4267 O. B. LESH	CENTERVILLE E	SPAR MTN	12-4S-9E				4*		4
CENTERVILLE E, WHITE 4376 NICK BABARE	JONES ESTATE	TAR SPRINGS	7-4S-10E		20*	1289*	0.6	184	20* 417*
*4246 SUN OIL CO.	E. CENTERVILLE	TAR SPRINGS	7-4S-10E			269	39		132
4203 TEXEN RESOURCES, INCE. CENTERVILLE UNIT		TAR SPRINGS CYPRESS	18-4S-10E		50*	10468*	1.8	1033	50* 8435*

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82					INJECTION WATER					REMARKS
FIELD, COUNTY																				
PROJ.	DEPTH	NET	POR	PERM	OIL	DATE	DATE	NO. OF	ACRES	SOURCE	TYPE									
NO.	(FT)	PAY	(%)	(MD)	GRAV	FIRST	ABD.	WELLS	UNDER	SD=SAND	(F)=FRESH									
		(FT)			(API)	INJ.		INJ.	PROD.	INJ.	(B)=BRINE									
										PROD=PRODUCED	(M)=MIXED									
										SH=SHALLOW										
BENTON N, FRANKLIN																				
*1328	2550	8.0				02-66	04-71	6	9	140	DEGONIA, PRD (B)									
	2660	12.0						6	9	140										
	2730	5.0						4	4	90										
	2800	8.0						3	4	140										
1332	2550	12.0			39.6	06-69		4	4	100	PRODUCED (B)	*OP SUSP 1-78								
*1326	2590	9.2	15.0	22	36.0	12-66	12-77	5	13	180	PENN SD (B)	*ESTIMATED 1975-77								
	2755	6.0	12.0					1	3	80										
	2800	6.0						1	1	40										
BERRYVILLE C, EDWARDS, WABASH																				
*3942	2890	10.0				09-52	01-53	1	2	14	TAR SPGS, PRD (B)									
*3943	2890	10.0				02-52	06-53	1	2	27	TAR SPGS, PRD (B)									
1024	2990	10.0				01-70		1	1	80	SUPPLY WELL (M)									
BLACKLAND, CHRISTIAN, MACON																				
*2300	1920	10.0			37.0	10-63	12-63	1	2	80	AUX VASES (B)									
BONE GAP C, EDWARDS																				
*1013	2310	20.0	18.0	120	34.6	06-52		1	10	120	PRODUCED (B)	*ESTIMATED SINCE 1973								
1034	2320	10.0	17.3			02-66		1	2	60	PRODUCED (B)	*ADJUSTED								
BOULDER, CLINTON																				
*411	1200	25.0	17.9	104	34.6	09-60	10-64	25	17	470	PRD (B)									
BOURBON C, DOUGLAS																				
*800	1600	12.0			34.0	09-59	11-66	18*	30*	800*	PRODUCED (B)	*DATA WERE ESTIMATED								
BOYD, JEFFERSON																				
2000	2065	17.3	17.5	173	39.5	06-55		2	8	1564	PRODUCED (B)	*ESTIMATED SINCE 70; *INCLUDES								
	2130	11.9	21.4	24	36.8	03-55		5	10	569		BOTH PAYS SINCE 76								
BROWN, MARION																				
2615	1650	10.0			33.0	07-60		1	2	40	PRODUCED (B)	*ESTIMATED								
BROWNS, EDWARDS, WABASH																				
3850	3022	8.0			35.4	11-66		2	4	380	SH SD (F)	*EST. SINCE 1980								
1021	2640	8.2	16.8	106	36.8	11-59		8	10	190	PRODUCED (B)	*INJ. SUSP. 75-80; *INCL ALL PAYS								
	2780	6.3	17.5	5	36.8			2	5	120										
3894	2300	10.0	16.0			11-62				60	PRODUCED (B)	*ESTIMATED								
	2600	15.0	17.0					4	6	180										
BROWNS E, WABASH																				
*3912	2570	13.0				01-51	01-57	18	18	290	SH SD, PRD (M)	*INCL PRIM PRD								
*3914	2560	8.0			37.0	04-56	09-74	1	2	75	PENN SD, PRD (B)									
*3913	2570	11.0			35.0	11-47	07-63	6	8	169	TAR SPGS, PRD (B)	*NO INJ SINCE 12-58								
3950	2580	7.0	16.0		35.0	08-67		2	4	139	GRAY BED (F)	*EST								
BUNGAY C, HAMILTON																				
*1554	3275	13.5	21.8	104	36.0	09-65	12-70	2	4	60	SH SD, PRD (M)	SWD ONLY								
1574	3270	12.0				11-64		2	25	270	PRODUCED (B)	*ESTIMATED								
1550	3280	6.0	12.0	244	38.5	08-64		1	3	150	PENN SD, PRD (B)	*EST. 73-81, ADJ. 1982								
1558	3280	8.0	18.9	325	39.0	09-65		4	5	100	PENN SD (B)	*ESTIMATED SINCE 1973								
	3300	10.0	20.0	100				6	5	120										
1572	3260	15.0				01-55		1	7	90	PRODUCED	*EST; *INCL PRIM PRD								
1576	3260	15.0				07-67		1	2	40	PRODUCED (B)									
1555	3275	12.0	20.6	312	36.6	05-69		3	5	220	PRODUCED (B)									
1527	3254	12.0	14.0	350	38.0	01-67		1	4	60	PRODUCED (B)	*ESTIMATED SINCE 1970								
*1519	3331	15.0	20.0	80	39.1	09-66	04-73	3	5	90	SH SD, PRD (M)	*ESTIMATED 1971-73								
*1522	3300	17.0	22.0	182	41.0	05-61	1-76	8	5	390	CYPRESS, PRD (B)	*ESTIMATED; *NO DATA 1975-76								
*1500	3330	15.5	19.6	92	37.0	06-68	07-64	10	12	640	PENN, PRD (B)									
*1530	3300	25.0	17.8	107	37.0	09-61	10-68	5	5	130	PENN SD, PRD (B)									
CALHOUN C, RICHLAND, WAYNE																				
*3400	3150	6.0			37.0	09-51	03-64	3	8	280	CYPRESS (B)									
*3401	3130	10.0	11.2	67	39.0	06-50	12-66	3	10	220	PRODUCED (B)	*NO DATA 1959-1966								
*3447	3175	20.0				01-49	12-64	8	13	570	PRODUCED AND CYPRESS	*ESTIMATED								
CALHOUN E, RICHLAND																				
*3423	3268	10.0			37.2	08-65	12-71	2	3	100	TAR SPR, PRD (B)	*INACTIVE 1966-71								
CALHOUN S, EDWARDS, RICHLAND, WAYNE																				
4085	3250	23.0			39.0	08-66		1	5	40	PRODUCED (B)	*ESTIMATED								
CARLYLE N, CLINTON																				
407	1142	7.0			34.0	06-55		1	7	80	PRODUCED (B)	*ESTIMATED								
CARMi, WHITE																				
4402	3143	8.0			30.0	09-65		1	2	60	PENN SD, PRD (B)	*ESTIMATED								
CARMi N, WHITE																				
4443	3230	13.0				6-59		1	4	80	PENN S PRD (B)	*ESTIMATED; *INCL PRIM SINCE 1959								
CASEY, CLARK																				
*217	450	21.5	22.4	108	31.8	08-53	08-54	9	4	40	SH SD (F)									
*201	450	10.0			31.9	03-50	03-61	76	66	280	GRAY BED AND PRD (M)									
*202	290	20.0	21.5	400	26.0	12-53	12-68	15	12	40	SH SD, PRD (M)									
CENTERVILLE, WHITE																				
4409	3360	13.0			37.0	12-65		1	1	20	PENN SD (B)	*ESTIMATED								
*4267	3366	7.0			43.0	06-54	12-55	1	1	20	TAR SPRINGS (B)	*INCL PRIMARY SINCE 6-54								
CENTERVILLE E, WHITE																				
4376	2500	16.0	15.7	21	35.4	09-63		2	2	40	PURCHASED (B)	*ESTIMATED								
*4246	2530	6.0			36.6	10-50	09-57	*	*	*	PRODUCED (B)	*ACREAGE&WELLS INCL. W/4379								
4203	2470	17.0	16.0	97		03-56		5	8	130	PALESTINE, PRD (B)	*ESTIMATED SINCE 1973								
	2850	17.0	15.0	12				8	9	190										

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = P.M.					1992 * 12/32	1982 * 12/82	1982 * 12/82			
CENTERVILLE E, WHITE CONTINUED										
4203	TEXEN RESOURCES, INC	BETHEL								
4379	TEXEN RESOURCES, INC	AUX VASES								
	INCEAST CENTERVILLE UNIT	TAR SPRINGS	7,8,17-4S-10E		400*	25900*	12.7	2328	400*	20075*
		HARROINSBURG								
		CYPRESS								
4394	TEXEN RESOURCES, INC	BETHEL								
	JONES-BAIRO	AUX VASES	7-4S-10E		20*	1259*	0.2	139	20*	1234*
		MCCLOSKEY								
		CYPRESS								
CENTRAL CITY, MARION										
2623	WILLIAM PFEFFER	PFEFFER U	PENNSYLVNIN	8-1N-1E	25	452	1.1	31	25	452
CENTRALIA, CLINTON, MARION										
419	KARCHMER PIPE	XARCHMER-TRENTON	TRENTON	1,2-1N-1W,26,27,34,35	20*	3825	14.9	539	20*	1826*
				36-2N-1W						
* 403	W. O. MORGAN	CENTRALIA FIELO	BENOIST	35-2N-1W		880*		98*		880*
* 404	OIL TECHNOLOGY GROUP	CENTRALIA U	CYPRESS	1,2,12-1N-1W,	1464	28860	25.0	11327	1464	111180
			BENOIST	35,36-2N-1W						
420	HUBERT ROSE	BUEHLER COMM	OEVOIAN	1-1N-1W	400*	15889*	12.6	291	400*	15889*
412	FRED SEIP	ROTHMEYER, BUEHLER, COE	CYPRESS	13-1N-1W	20*	1222*	0.6	75	20*	1385*
416	FRED SEIP	HEFTER MRS	BENOIST	13-1N-1W	90*	1168*	3.6	90	90*	2051*
* 408	SOHIO PETROLEUM	COPPLE TRENTON	TRENTON	35-2N-1W		236		34		21
CHESTERTVILLE E, DOUGLAS										
* 801	ROYALCO, INC.	ARCOLA UNIT	SPAR MTN	5,6-14N-8E, 31-15N-8E		6471		1130		1977
CLARKSBURG, SHELBY										
*3803	SCHAEFER OIL CO.	CLARKSBURG	BENOIST	9,17-10N-4E		10*		4*		10*
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY										
4054	AMOS OIL	FRED BEST	AUX VASES	27-1N-8E	+	+	2.0*	46*	+	+
*1900	ASHLAND O AND R	BOOS EAST	MCCLOSKEY	2,3,10-6N-10E		333		16		
*3402	ASHLAND O AND R	NOBLE NORTH	MCCLOSKEY	35-4N-9E		318		8		
*1928	ATHENE OVELL	ROBERTS & BOWERS	MCCLOSKEY	5-SN-10E	*	*		91		450
3419	WM. & P. BECKER	WAKEFIELD-HARRELL U	CYPRESS	26-4N-9E	50*	2883*	2.6	429	50*	2430*
* 362	C. E. 800TH	STANFORD	AUX VASES	4-2N-7E		175		35		70
* 381	C. E. 800TH	MURO & PETTIJOHN	AUX VASES	15,16-2N-7E		545*		32		540*
1915	C. E. 800TH	OELLA HARVEY	SPAR MTN	12-5N-9E	30	1085*	1.1	97	30	541*
3405	C. E. 800TH	S. NOBLE CONSLO	MCCLOSKEY	30,31-3N-9E,	37	4131*	0.5	169	37	1731*
				25,36-3N-8E						
*3403	H. L. BROCKMAN	EAST NOBLE UNIT	SPAR MTN	10-11-3N-9E		3464*		251*		1736*
* 340	BRUER & ROBINSON	NORTH CLAY CITY	CYPRESS	8,9,16,17-3N-8E		4530*		311*		4030*
4064	CARL BUSBY	GSTN, SMS, MNHS, FSL, MCN	AUX VASES	24,25-1S-6E	230*	2273*	10.6	156	230*	1915*
*4107	CONTINENTAL OIL	WILSON "B"	SPAR MTN	15-1S-3E		212		13		53
*4073	COY OIL CO	EAST GEFF	AUX VASES	8,17-1S-8E		531		32		18
*1913	DORAN OIL PROP.	BERGZOWER	MCCLOSKEY	4-6N-10E		141		17		
*4109	F AND W OIL CO.	MILLER-LAMBRICH U	OHARA	29-1N-8E		*		144		
			SPAR MTN							
			MCCLOSKEY							
4146	F AND W OIL CO.	MT. ERIE UNIT	AUX VASES	33,34,35-1N-8E	*	8541*	2.3	1132	40*	5214*
4174	FARRAR OIL CO.	MOLT	AUX VASES	29-1N-8E	106	1644**	5.3	167	85*	761**
			MCCLOSKEY							
4156	FRMERS PETR COOP	BEARO, BORAH, WILSON U	AUX VASES	10-1S-8E	*	815*	0.4	335	3	238*
1927	FINKS OIL CO.	ROUTE 33	MCCLOSKEY	27,28,34-7N-10E	120*	2450*	7.3	150	120*	2450*
4111	GALLAGHER DRILLING	M.OSTERMAN	AUX VASES	14,23-1S-8E	300*	1894*	6.3*	77*	150*	1138*
			OHARA							
			MCCLOSKEY							
4175	DONALD W. GESELL	NE GEFF UNIT	AUX VASES	7-1S-8E	13	323*	3.6	65	13	159*
4173	J. O. GORDON	BOTHWELL	MCCLOSKEY	24-2N-7E	50*	929*	2.4*	136*	50*	920*
*1936	GLEN GRIFFITH	WILLOW HILL COOP	MCCLOSKEY	6-6N-11E		110*		26		245
* 317	GULF OIL CO	S. STANFORD U	AUX VASES	8,9,16,17-2N-7E		2805		370		810
*4130	GULF OIL CO	WINONA	MCCLOSKEY	12-1S-8E		25				300
*4094	ILL. LSE. OP.	BLACKBURN	AUX VASES	3-1S-8E		47		6		10
*4141	ILL. LSE. OP.	MILL, THOMPSON, GRSN.	AUX VASES	27-2N-7E		610		36		235
*4197	ILL. LSE. OP.	BORAH	AUX VASES	4-1S-8E		15*		51		99
*4198	ILL. LSE. OP.	J. O. VUROULAS	OHARA	26-1S-7E		205*		41*		230*
*4194	ILL. MTO-COINT.	CREWS-SHORT COOP	AUX VASES	33,34-1S-8E		533*		34*		503*
*4119	KIRBY PETROLEUM	KIRBY	AUX VASES	16,17-1N-7E		2464		360		391
1925	O. R. LEAVELL	NEWTON EAST	MCCLOSKEY	34-7N-10E; 3-6N-10E	90	1500*	6.5	105*	90	1242*
			ST LOUIS							
4057	E. K. LEWIS	OLLIE GROVE	MCCLOSKEY	27-1N-8E	10*	297*	0.4	52*	10*	297*
4056	OAE V LOVE	AYRES	SPAR MTN	8-1S-7E	+	+	5.8	107	50*	560*
4140	OAE V LOVE	BARNARD-HOLMAN-LISTON	AUX VASES	10-1S-7E	30*	760*	1.2	87	30*	668*
*3416	MARATHON OIL CO.	NOBLE COOP U	MCCLOSKEY	8-3N-9E		*		*		*
3421	MURVIN OIL CO.	WAKEFIELD POOL U	CYPRESS	24-4N-9E		2966**	1.3	439	50*	3439*
*4055	MURVIN OIL CO.	ELM RIVER FLOOD	AUX VASES	32,33-1N-8E		1330**		170**		850**
*4058	MURVIN OIL CO.	BORAH	AUX VASES	33-1N-3E				53*		250*
4060	MURVIN OIL CO.	PIKE	AUX VASES	14-1S-7E	70*	1297*	3.0*	53*	70*	1297*
4092	NOAH PET	CREWS MIDOLE UNIT	AUX VASES	33-1S-8E	120*	4290	1.0	176		
* 330	J H AND F OIL CO	N CLAY CITY U	MCCLOSKEY	5,8-3N-8E		319*		154*		836*
372	PARTLOW, COCHNOR	HENDERSON & SKELTON	CYPRESS	17-2N-8E	46*	1825*	7.7	266	46*	1825*
			AUX VASES							
			SPAR MTN							
4069	PARTLOW, COCHNOR	HOSSELTON & GILL	CYPRESS	20-2N-8E	37*	1095*	3.2	174	37*	1095*
			SPAR MTN							
* 301	PHILLIPS PET. CO	MINNIE	SPAR MTN	24-3N-7E		131		79		460
3427	BERNARD PODOLSKY	COEN U	AUX VASES	36-5N-9E	11	332	1.3	45	*	*
3449	BERNARD PODOLSKY	CLARK-GRUBB-EVANS	CYPRESS	18-3N-9E	60*	1030*	4.4	176*	60*	1030*
4087	BERNARD PODOLSKY	W JEFFERSONVILLE	AUX VASES	15,16-1S-7E	*	684	0.5	46	6	231
4149	BERNARD PODOLSKY	MARSHALL	AUX VASES	16-1S-8E		640*	0.1	70		473
4159	BERNARD PODOLSKY	NW FAIRFIELD U	OHARA	26,35-1S-7E	56	2906	6.4	379	22	517
4194	BERNARD PODOLSKY	GRAY	AUX VASES	16,21-1S-8E	12	1581	1.3	105	4	669
4082	RAYMAC PETROLEUM CO.	CREWS-SHORT COOP	AUX VASES	33-1S-8E	19	1442	0.9	180		
4147	RAYMAC PETROLEUM CO.	ROBERTSON-BING-CREWS	AUX VASES	27,28-1S-8E	102	3983*	6.7	270	102	2412*
384	E & REYNOLDS EST.	WEILR, EONS, MSLY, OEHRT	CYPRESS	33,34-3N-8E		1005**	8.7	314		1005*
			AUX VASES							



RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY		PERM. DIL.	DATE	NO. OF	SOURCE	TYPE												
PROJ.	DEPTH	NET	PDR	(MO)*GRAV	FIRST	DATE	WELLS	ACRES	SO=SAND	(P)=FRESH								
NO.	(FT)	PAY	(%)	(API)	INJ.	ADD.	UNOER	GR=GRAVEL	(B)=BRINE									
							INJ.	PROD.	INJ.	PROD=PRODUCED	(M)=MIXED							
										SH=SHALLOW								
										SAR=SAR								

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Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER	OIL	WATER		
PROJECT NO., OPERATOR	U = UNIT		S - T - R		INJECTION	PRODUCTION	PRODUCTION		
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.		
* = P.M.					1982 * 12/32	1982 * 12/82	1982 * 12/32		
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY									
CONTINUED									
384	E 8 REYNOLDS EST.								
*1901	ROBINSON PROO.	NE MCCLOSKEY U NO 1	MCCLOSKEY	13,14,24-7N-10E	1367	282	328		
*1902	ROBINSON PROO.	WILLOW HILL, SE BAR	MCCLOSKEY	23,26-7N-10E	3326	639	1113		
4046	ROBINSON PROO.	GILL-BISSEY-SMITH	AUX VASES	24-2N-7E	73	503	68	39	529
4048	ROBINSON PROO.	RINKEL	AUX VASES	33,34-1N-8E	24	122	7.1	67	107
4067	ROBINSON PROO.	NE GEFU-MURPHY	AUX VASES	5,6-1S-8E	189	1347	3.2	140	35
			OHARA						
4068	ROBINSON PROO.	CARTER U	AUX VASES	28,29,32,33-1N-8E	39	364	12.7*	97	18*
*4084	ROBINSON PROO.	WESLEY FELLER	AUX VASES	7-1N-8E		368		83	408
4179	ROBINSON PROO.	MILLER & THACKER	AUX VASES	19-1S-3E	124	812*	7.9	96*	37
*4115	ROBINSON, PUCK.	N PUCKETT U	AUX VASES	9-2S-8E		960		122	
*4116	ROBINSON, PUCK.	S PUCKETT U 1	AUX VASES	16-2S-8E		4337		458	1798
*1918	HUBERT ROSE	LIBERTY W UNIT	MCCLOSKEY	16,21-5N-10E		319*		24*	24*
1930	HUBERT ROSE	MCCLANE-MAY	MCCLOSKEY	8,17-6N-10E	60*	1105*	2.7	185*	60*
1931	HUBERT ROSE	MATTINGLY	AUX VASES	5-5N-10E	+	+	1.7	66	20*
			SALEM						430*
*3433	HUBERT ROSE	OUNOAS WEST UNIT	MCCLOSKEY	28,33-5N-10E		1384**		65**	170**
3436	HUBERT ROSE	SOUTH NOBLE UNIT	MCCLOSKEY	29,32-3N-9E	20*	2073*	0.3	141	20*
4186	HUBERT ROSE	SYCAMORE CONSLO	AUX VASES	22,23,24-2N-7E	120*	4413*	5.9	301	120*
			MCCLOSKEY						2958*
*347	J. W. RUOY ORLG.	EO WILSON	AUX VASES	32-3N-8E		235		44	41
*363	J. W. RUOY ORLG.	CLARK LEASE	CYPRESS	20-3N-8E		62		7	32
4088	J. W. RUOY ORLG.	FLEXTER	AUX VASES	3-1N-7E	10*	574*	0.5	147	10*
3445	RUNYON OIL EXPLOR.	RUNYON-TOTTEN U	SPAR MTN	25-3N-9E		664	1.2	38	5*
3444	FREO SEIP	R. S. SHATTO	MCCLOSKEY	20-3N-9E	85*	1734*	3.3	159	85*
*4117	SHAKESPEARE OIL	E. BANKER SCHOOL U	CYPRESS	22-2N-8E		801		219	587
*4118	SHAKESPEARE OIL	E. GEFU UNIT	AUX VASES	12,13-1S-7E		9553		966	3900
				7,17,18-1S-8E					
4166	SHULMAN BROTHERS	W GEFU U	AUX VASES	28,33-1N-7E; 3,4-1S-7E	100+	3886+	4.7	224*	100+
			OHARA			467			2567**
			MCCLOSKEY			2900			
4177	SHULMAN BROTHERS	NE GEFU U	AUX VASES	1,11,12,13-1S-7E	0*	10049*	4.2	1323	60*
*4196	JOE SIMPKINS OIL	MEISNER UNIT	AUX VASES	3-2S-8E; 33,34-1S-8E		2344*		239*	4810*
*3428	WAYNE SMITH, OP.	ONION HILL U	AUX VASES	1,12-4N-9E; 36-5N-9E		5929		158	1033*
			SPAR MTN			427**		22*	3127
4190	S. ILL. OIL PROO	SOUTH CISNE U	AUX VASES	27-1N-7E	25*	865*	1.7	97	25*
*1907	M. M. SPICKLER	WILLOW HILL	MCCLOSKEY	36-7N-10E				2	668*
4047	TAMARACK PET.	ANOSN-FRMN-JRON-WILSN	AUX VASES	23-2N-8E	25*	1115*	0.5	113*	25*
4079	TAMARACK PET.	BLACK OAK SCHOOL U	AUX VASES	22,23,26,27-1S-8E		10153		667*	1115*
4081	TAMARACK PET.	CLAY UNIT	AUX VASES	9,10,15,16-1S-8E	240*	3907	0.4	105	5*
*4095	TAMARACK PET.	EAST CLAY	AUX VASES	10-1S-8E		234		19	478
*4108	TAMARACK PET.	PIERCE	SPAR MTN	22-2N-3E		1013*		86	36
4157	TAMARACK PET.	S.W. MT. ERIE U	AUX VASES	4-1S-8E		2276		101	922
4191	TAMARACK PET.	CISNE UNIT	AUX VASES	3,9,10-1S-7E	40*	3226	0.5	396	568*
4193	TAMARACK PET.	WILSON U	AUX VASES	23,26-2N-8E		2875*	1.6	354	40*
*4132	TEXACO, INC.	E. GALLIGHER	MCCLOSKEY	2-2S-7E		32			979
*4144	SAM TIPPS	W GEFU U	AUX VASES	16,17,21-1S-7E		1690		105	1334*
302	UNION OIL CALIF.	T M & S UNIT	CYPRESS	9,10-2N-8E	57	1017	1.2	77	1137
304	UNION OIL CALIF.	NE WOODSIDE SCHOOL	CYPRESS	16,17-2N-8E	44*	1810*	4.1	313	30
			MCCLOSKEY					208	610
335	UNION OIL CALIF.	WEILER SCHOOL CONSLO	CYPRESS	33,34-3N-8E; 3,4-2N-8E	2065	12860	92.5	1356	1215
			MCCLOSKEY						6115
341	UNION OIL CALIF.	W. CLAY CITY	AUX VASES	10-2N-7E	80	7761	9.8	339	826
			MCCLOSKEY						6115
349	UNION OIL CALIF.	THOMAS SCHOOL U	CYPRESS	5,6,7,8,17,18-2N-8E;	490	27054	28.2	2427	190
			AUX VASES	12-2N-7E					3435
			MCCLOSKEY						14629
358	UNION OIL CALIF.	BUNNYVILLE C *	CYPRESS	27,28,29,32,33-3N-8E;	872	20438	70.5	2094	702
			BETHEL	4,5,6-2N-8E					14629
			AUX VASES						16932
1910	UNION OIL CALIF.	E NEWTON CONSLO	MCCLOSKEY	27,34,35-7N-10E	170	7122	8.3	463	157
1911	UNION OIL CALIF.	MT. GILEAD CONSLO	MCCLOSKEY	19,20,29,30-5N-10E	1038	18961	29.1	703	2800
1919	UNION OIL CALIF.	N. OUNOAS U	AUX VASES	7,8,9,18-5N-10E	1121	27358	38.1	1118	1773
			MCCLOSKEY						13339
1922	UNION OIL CALIF.	S 900S U	AUX VASES	33-6N-10E;	687	27803	43.4	1925	945
			MCCLOSKEY	4,5,6-5N-10E					13858
			SALEM						15738
1924	UNION OIL CALIF.	HONEY CONSLO	AUX VASES	16,17-5N-10E	169	5042	16.6	339	743
			MCCLOSKEY						15738
3404	UNION OIL CALIF.	OLO NOBLE	CYPRESS	3,4,5,8,9-3N-9E;	6100*	169934	107.0*	7060	6115
			MCCLOSKEY	32,33-4N-9E					6115
*3406	UNION OIL CALIF.	SW NOBLE U	SPAR MTN	11,12-2N-8E		3810*		181	169278
3418	UNION OIL CALIF.	WAKEFIELD CONS	CYPRESS	13,14,22,23,24,25,26,27-4N-9E	36	40149	9.2	3919	181
			MCCLOSKEY	35,36-3N-8E; 1,2-2N-8E	29	6369	2.5	439	486
3425	UNION OIL CALIF.	GUYOT CONSLO	CYPRESS	13,14-4N-9E	2*	444	0.7	48	1056
3429	UNION OIL CALIF.	NE WAKEFIELD CONSLO	AUX VASES	17-3N-9E	51	2376	3.6	116	30642
3431	UNION OIL CALIF.	HOG RUN CONSLO	MCCLOSKEY	26,27-4N-9E		1033*	1.0	67	27
3434	UNION OIL CALIF.	SUGAR CREEK UNIT	SPAR MTN	30,31-5N-10E	225	4182	3.1	142	2016
			MCCLOSKEY						2016
3437	UNION OIL CALIF.	S OUNOAS CONSLO	AUX VASES	27,28-4N-9E		564*	1.5	46	7
3438	UNION OIL CALIF.	B-8 CONSLO	AUX VASES	13,14,23,24,26-4N-9E	71	3066	5.8	136	139
3440	UNION OIL CALIF.	W A M CONSLO	SPAR MTN	24,25-3N-8E	225*	3436	0.9	42	1154
3441	UNION OIL CALIF.	R M & P CONSLO	MCCLOSKEY	14,23-4N-9E		954*	1.6	61	91
3442	UNION OIL CALIF.	OUTER WAKEFIELD C	CYPRESS	25-4N-9E	111	2036	3.0	210	75*
			AUX VASES	4,5-3N-9E	261	2658	45.2	395*	13
3443	UNION OIL CALIF.	LU-BERG AREA	CYPRESS						919
3446	UNION OIL CALIF.	COLBORN CONSLO	AUX VASES						272
			MCCLOSKEY						112
			ST. LOUIS						3710
			SALEM						
3448	UNION OIL CALIF.	EAST W.A.M CONS.	MCCLOSKEY	24,25,26-4N-9E	25	92	0.5	4	1



RESERVOIR STATISTICS (AV. VALUE)				DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY				PERM DIL	DATE	DATE	NO. OF	ACRES	SOURCE	TYPE		
PRDJ.	DEPTH	NET	PDR	(MD)=GRAV	FIRST	ABD.	WELLS	UNDER	SO=SAND	(F)=FRESH		
NO.	(FT)	PAY	(%)	(API)	INJ.		INJ.=PRDD.	INJ.	PRDD=PRODUCED	(M)=MIXED		
		(FT)					SH=SHALLOW					

WELL NO.	DATE	TIME	DEPTH	TEMP	PRESS	PROD	PRDD	WELL NAME	WELL TYPE	WELL STATUS	WELL LOCATION	WELL COMMENTS
384	2975	4.0										SOME SALEM DIL
*1901	2530	6.2	14.0	38.0	05-51	01-70	2	6	235			PRODUCED (B)
*1902	2580	8.2	14.0	40.0	05-53	01-70	3	5	415			SH SD, PRDD (M)
4046	2884	9.0		39.0	8-76		1	4	125			PRODUCED (B)
4048	3015	15.0	18.5	30	11-77		1	4	100			PRODUCED (B)
4067	3075	7.5	19.0	35	08-71		6	5	50			PRODUCED (B)
	3130	4.5							215			
4068	3015	6.5	18.5	30	09-71		1	7	165			WELL & PRDD (M)
*4084	2935	11.0	16.0	35	03-67	01-74	1	1	50			PRODUCED (B)
4179	3146	7.8	18.0	75	08-58		4	5	190			PDND, PRDD (M)
*4115	3150	8.0	19.0	115	01-56	05-63	6	4	172			SEWAGE, PRDD (M)
*4116	3200	14.8	20.0	80	08-54	05-63	7	11	243			SEWAGE, PRDD (M)
*1918	2900	7.0		39.0	04-65	10-78	1	1	100			PENN SD, PRDD (B)
1930	2800	12.0			7-63		2	4	100			CYPRESS&PRDD(B)
1931	2690	14.0			6-66+		+	1	10			+
	3250	25.0					+	1	20			
*3433	2870	5.0	13.0	120	01-65	10-78	2	5	180			PRODUCED (B)
3436	3005	9.0			09-66		3	5	170			PRODUCED (B)
4186	2930	20.0	19.0	75	11-64		2	6	440			PENN SD, PRDD (B)
	3010	20.0					2	2	100			
* 347	2933	15.0		39.2	02-59	01-72	1	2	40			CYPRESS (B)
* 343	2678	10.0			06-68	01-74	1	1	30			SURFACE PRDD (M)
4088	2990	12.0	19.0	22	12-61		1	2	120			CYPRESS, PRDD (B)
3445	3080	7.0		38.0	12-75		3	1	150			PENN SD (F)
3444	3000	5.0	16.0	1307	01-61		1	1	40			PRODUCED (B)
*4117	2639	12.5	16.5	43	01-57	12-71	3	6	110			SH SD (F)
*4118	3065	15.9	19.0	85	01-57	01-72	30	31	588			SH SD, PRDD (M)
4166	3080	8.0			12-63		6	13	250			PENN SD (B)
	3170	5.4			12-63	12-66	3	5	160			
	3200	19.0			12-63	12-67	7	20	960			
4177	3075	20.0	18.0	75	09-64		30	18	1127			PENN SD, PRDD (B)
*4196	3170	18.0		39.0	08-65	12-72	20	19	480			PENN SD, PRDD (B)
*3429	2800	10.0	18.0	50	04-64	6-74	30	25	500			PENN SD, PRDD (B)
	2900	10.0			4-77		1	2	40			
4190	3004	16.0		38.0	10-65		1	4	40			PENN SD, PRDD (B)
*1907	2615	10.0			06-52	12-54	1	1	23			PRODUCED (B)
4047	2960	13.0			4-65		4	5	110			PRODUCED (B)
4079	3100	14.0	20.1	8	09-68		7	16	680			PENN SD (B)
4081	3100	9.0		39.0	03-68		2	1	220			SH GRAVEL (F)
*4095	3060	10.0			02-69	02-72	3	2	40			SH GRAVEL (F)
*4108	3016											

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION				
PROJECT NO., OPERATOR	U = UNIV		S - T - R							
* = ABC				* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.				
* = P.M.				* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82				
*****										
CLAY CITY CO, CLAY, JASPER, RICHLAND, WAY										
CONTINUED										
4065 UNION OIL CALIF.	BANKER SCHOOL CONSLO	CYPRESS	15,21,22,28-2N-8E	22	2431	1.4	863	25	1387	
4070 UNION OIL CALIF.	E BANKER SCHL	CYPRESS	21,28-2N-8E	121	1172	13.6	187	124	940	
*4074 UNION OIL CALIF.	SE WOODSIOE SCHOOL	AUX VASES	20,29-2N-8E		370		8		28	
4075 UNION OIL CALIF.	S WOODSIOE SCHL	AUX VASES	19,20,30-2N-8E	15*	2931	2.7	241	75*	1495	
4076 UNION OIL CALIF.	E ORY FORK	AUX VASES	25-2N-7E							
4080 UNION OIL CALIF.	WOODSIOE SCHL C	CYPRESS	25-1S-6E	10	1184	0.9	91	29	335	
		AUX VASES	24-2N-7E;19,20-2N-8E	312	19524	10.7	924	272	7413	
		AUX VASES	13-2N-7E;13-2N-8E							
4091 UNION OIL CALIF.	CENT JOROAN SCHOOL	AUX VASES	1-1N-7E	286	7793	6.5	554	263	5535	
4097 UNION OIL CALIF.	DEER CREEK S	AUX VASES								
		CYPRESS	11,12-1S-8E		3720	*	124		1170	
		AUX VASES								
*4099 UNION OIL CALIF.	BRADLEY U	AUX VASES	26-1N-7E		639		42			
4106 UNION OIL CALIF.	SW VANFOSSAN U	AUX VASES	25,26,27-1N-8E	379	7479	8.8	443	266	3820	
		CHARA								
		AUX VASES								
4112 UNION OIL CALIF.	JOROAN SCHOOL U	AUX VASES	27,34,35-2N-7E, 3-1N-7E	*	25655*	3.1	2388	80*	15056	
*4113 UNION OIL CALIF.	NE JOROAN SCHOOL U	AUX VASES	25,26,35,36-2N-7E		13813		1316		8468	
4114 UNION OIL CALIF.	VAN FOSSAN U	AUX VASES	10,14,15,22,23,26,27-1N-8E	310*	17341	5.5	742	190*	17298	
4131 UNION OIL CALIF.	SE JOROAN SCHOOL U	AUX VASES	2,11-1N-7E	671	27718	9.9	1838	649	19292	
4135 UNION OIL CALIF.	DEER CREEK UNIV	AUX VASES	1,2,10,11-1S-8E	170	10415	4.3	751	183	5921	
4142 UNION OIL CALIF.	ELM RIVER U	AUX VASES	30,31-2N-8E	192	7784	3.2	532	111	4075	
4143 UNION OIL CALIF.	FELLER FLOOD CONSLO	AUX VASES	5,6,7,8-1N-8E	215	16205	10.3	1815	384	12232	
*4152 UNION OIL CALIF.	OREGON SCHOOL U	AUX VASES	20,21,28,29-1S-8E		2839		185		1579	
4153 UNION OIL CALIF.	SE ENTERPRISE U	AUX VASES	24-1N-8E		1115	1.7	76	*	223	
4164 UNION OIL CALIF.	E. JOROAN SCHOOL C	AUX VASES	1-1N-7E,6-1N-8E, 35,36-2N-7E	1290	45801	41.1	3286	1076	30698	
4176 UNION OIL CALIF.	S JOROAN SCHOOL U	AUX VASES	11,12-1N-7E,7-1N-8E	753	18413	14.9	1669	623	10075	
4185 UNION OIL CALIF.	ZIF CONSLO	CYPRESS	4-1N-8E; 33,34-2N-8E	657	18318	18.1	1852	669	11814	
		AUX VASES								
4187 UNION OIL CALIF.	SOUTH CISNE CONSLO	AUX VASES	27,34-1N-7E	17	4977	1.5	142	66	1378	
4188 UNION OIL CALIF.	N CISNE U	AUX VASES	22,27-1N-7E	299	5131	4.6	279	225	5066	
4192 UNION OIL CALIF.	J. P. MOLT-A	AUX VASES	30-1N-8E		265	0.7	26		59	
		OHARA								
*4136 VERNE M. VAUGHN	BLESSING-CHRISMAN U	AUX VASES	31,32-1N-8E		623		180		270	
*4098 NEW WELL SERV.	OAVIS,JONES&WHITLOCK	AUX VASES	9-1S-7E		645*		157*		530*	
*4180 WATKINS DRILLING	WATKINS-WHITLOCK	AUX VASES	9-1S-7E		152		45		143	
4151 H. WEINERY ESY.	SOUTH BOYLESTON UNIT	AUX VASES	3,4,9,10-2S-7E	360	7585	8.4	400			
4162 H. WEINERT EST.	NORTH BOYLESTON UNIT	AUX VASES	33,34-1S-7E;3,4-2S-7E	1004	21637*	2.4	779			
		AUX VASES								
1926 WICHITA INDUSTRIES	EAST NEWTON WF	AUX VASES	22,23,26,27-7N-10E	500*	3457*	47.3	992	200*	4074*	
*4110 M. J. WILLIAMS	COVINGTON UNIT	OHARA	25-1S-6E;19,20,29,30, 31,32,33-1S-7E		26912*		1689*		14374*	
		AUX VASES	3,6,10-2N-7E		1673		190		1673	
*1908 ZANETIS OIL PROP	P. KELLY 3	SPAR MTN	1-5N-9E		134		88		312	
*1909 ZANETIS OIL PROP	C. HARVEY 2	SPAR MTN	12-5N-9E		457		2		37	
*1917 ZANETIS OIL PROP	HINES-OCMS "A" ETAL	SPAR MTN	4,9-5N-10E		77		14		27	
1921 ZANETIS OIL PROP	KELLER "A"-PAYNE HRS.	AUX VASES	5,6-5N-10E	53	2860	15.8	730	53*	2860*	
		SPAR MTN								
		SALEM								
*4096 ZANETIS OIL PROP	SHAW	AUX VASES	34-1S-8E		142		12		24	
COIL, WAYNE										
4077 FRMERS PETR COOP	COIL U	AUX VASES	17,18,19-1S-5E	262	5444	10.8	844	186	2619	
4100 K W B OIL PROP.	MGMTYOUNGBLOO U	AUX VASES	19-1S-5E	31	2103	7.3	439	22	1321	
4052 STONE OIL CO	BYARS-GARRISON	ST LOUIS	19-1S-5E	*	*	2.7	176*	*	*	
COIL N, WAYNE										
*4053 M. O. BURKEYT	KEEN-WILSON	AUX VASES	31-1N-5E		600*		124**		600*	
COIL W, JEFFERSON										
*2011 GULF OIL CO	COIL W U	AUX VASES	14,15,22,23-1S-4E		1319		32*		749*	
*2012 GULF OIL CO	COIL W U	AUX VASES	22-1S-4E		31		*		*	
2026 STONE OIL CO	FARRINGTON	ST LOUIS	24-1S-4E	90	1589	7.6	240	55	691	
CONCORO CO, WHITE										
*4281 ABSHER OIL CO	CONCORO UNIT	TAR SPRINGS	27,23-6S-10E		1169*		251**		339*	
*4208 C. E. BREHM	CONCORO N UNIT	AUX VASES	10-6S-10E		637		66			
*4228 GY LAKES CARBON	MCCLOSKEY	SPAR MTN	28-6S-10E		233		5		44	
4439 JIM HALEY	YULEY	CYPRESS	21-6S-10E	*	115*	*	24	*	115*	
		AUX VASES								
*4309 HUMBLE O AND R	CONCORO CO-OP	TAR SPRINGS	28-6S-10E		1179		143		379	
		AUX VASES								
*4205 BARRON KIDD	KERWIN-CONCORO	MCCLOSKEY	21-6S-10E		342		12		77	
*4299 O. R. LEAVELL	CONCORO	TAR SPRINGS	21,22,28-6S-10E		3964		402		1910	
*4331 O. R. LEAVELL	CONCORO	AUX VASES	28-6S-10E		370		55		289	
*4332 O. R. LEAVELL	YULEY	CYPRESS	21,22-6S-10E		1276		57		455	
*4358 O. R. LEAVELL	TULEY	AUX VASES	21-6S-10E		141*		24*		66*	
4206 PHILLIPS PET. CO	KERWIN	CYPRESS	21-6S-10E	78	3646	5.8	326	78	2399	
		AUX VASES								
		SPAR MTN								
		MCCLOSKEY								
*4229 PHILLIPS PET. CO	OALLAS	SPAR MTN	28-6S-10E		247		3		42	
		MCCLOSKEY								
4207 REBSYOCK OIL CO.	TULEY	CYPRESS	21-6S-10E	35*	2799*	3.0	213	35*	1955*	
		AUX VASES								
		MCCLOSKEY								

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY										NO. OF				SOURCE TYPE				
PRDJ.	DEPTH	NET	PDR	PERM	DIL	DATE	DATE	WELLS	ACRES	SD	UNDER	SD	UNDER	(F)=FRESH				
NO.	(FT)	PAY	(%)	(MD)	GRAV	FIRST	ABD.	INJ.	PRDD	INJ.	PRDD	INJ.	PRDD	(B)=BRINE				
		(FT)			(API)	INJ.								(M)=MIXED				
														SH=SHALLOW				
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY																		
CONTINUED																		
4065	2639	15.0	18.0	65		09-56		2	4	620		PENN SD, PRDD (B)						
4070	2640	15.0	19.0	65	38.6	10-71		2	6	160		WELL (B)						
	2945	15.0	16.0	77														
*4074	3025	14.0	16.0		39.6	05-69	11-73	3	1	80		PRODUCED (B)						
4075	2915	10.0				05-69		3	9	414		PRODUCED (B)		*EST.1982				
	3018	3.0																
4076	3119	11.0			38.3	05-69		1	2	200		WELL, PROD (B)						
4080	2620	16.0	18.0		37.0	04-68		13	14	874		PENN SD, PRDD (B)						
	2950	11.0	18.5															
	3000	25.0	15.0															
4091	2930	15.0	18.0		41.5	03-68		5	8	290								
	2990	4.0	15.0															
4097	2725	8.0	15.0	24	39.4	02-50		*	2	240		PENN SD, PROD (B)		*INJ.DISC.1980,NO.PRODD.1982				
	3090	4.0																
*4099	3013	20.0	22.0	100	39.0	05-60	09-68	3	3	60		PRODUCED (B)						
4105	2975	20.0				01-67		6	13	610		WELL, PRDD (M)						
	3030	6.0																
	3075	6.0																
4112	2950	14.0	19.0	73		09-54		*	7	830		PENN SD, PRDD (B)		*INJ.DISC.71; *EST.1982				
*4113	2950	15.0	19.0	106		01-56	05-69	14	12	510		PENN SD, PRDD (B)						
4114	3070	10.0	13.0	200		01-54		*	1	1810		PRODUCED (B)		*EST.1982				
4131	2930	17.0	19.0	106		11-57		9	13	640		PENN SD, PRDD (B)						
4135	2990	3.0				12-66		3	12	894		PENN SD, PRDD (B)						
	3090	4.0																
4142	2910	20.0	13.0	87		09-58		5	7	204		PENN SD, PRDD (B)						
	3010	10.0																
4143	2950	16.0	16.0	77		09-58		5	13	1044		PENN SD, PROD (B)						
*4152	3186	14.0	19.0	35		01-61	08-67	14	13	260		PENN SD, PRDD (B)						
4153	2992	12.0	19.0	75		05-61		*	2	70		PENN SD, PRDD (B)		*INJECTION DISC 6-78				
4164	2950	15.0	19.0	77		01-63		17	21	1158		PENN SD, PRDD (B)						
	3030	5.0																
4176	2930	23.0	18.0	75		08-64		10	10	863		PENN SD, PROD (B)						
4185	2640	15.0	18.0	75		12-64		11	17	1147		PENN SD, PRDD (B)						
	2945	15.0																
	3023	5.0																
4187	3005	35.0	18.0	75		12-64		1	6	400		PENN SD, PRDD (B)						
	3130	20.0																
4188	3005	35.0	18.0	75		11-64		3	7	640		PENN SD, PRDD (B)						
	3100	18.0																
4192	3030	20.0				01-75		1	2	10		PRODUCED (B)						
	3090	30.0																
*4136	3050	18.0				04-59	12-74	2	2	50		CYPRESS (B)						
*4098	3126	20.0				12-59	06-75	4*	7	130*		PENN SD, PRDD (B)		*ESTIMATED; *COMBINED TOTAL				
*4180	3129	11.0	19.0	75	38.0	11-59	10-66	1	1	40		PENN SD, PRDD (B)						
4151	3100	16.0				04-61		6	3	260		PENN SD, PRDD (B)						
4162	3094	16.0				02-62		13	14	1083		PENN SD (B)						
	3240	10.0																
1926	2760	15.0	15.0	25	40.0	10-71		11	25	560		CYP, PRDD (B)		*EST.1982				
*4110	3200	8.0	14.0	80	38.0	06-55	01-72	12	13	1600		PENN SD, PRDD (B)		*ESTIMATED 1967-69; NO DATA 70-71				
	3250	6.0	13.0	300				21	20	1900								
*345	2900	15.0			37.8	07-64	1-77	1	5	20		PRODUCED (B)						
*1908	2941	5.0			41.0	11-58	01-70	1	1	40		CYPRESS, PRDD (B)						
*1909	2954	6.0			40.4	11-58	10-65	1	1	40		CYPRESS, PRDD (B)						
*1917	2810	6.0			40.0	08-64	12-66	1	1	60		CYPRESS, PRDD (B)						
1921	2760	25.0	15.5	10	39.4	01-66		5	14	230		PRODUCED (B)		*ESTIMATED				
	2855	5.0																
	3265	15.0																
*4096	3118	25.0			40.2	07-68	08-70	2	4	80		PURCHASED (B)						
CDIL, WAYNE																		
4077	2900	15.2	19.7			01-69		4	4	360		PENN SD, PROD (B)						
4100	2860	13.0	21.0	120		05-66		2	3	60		PENN SD, PROD (B)						
4052	3020	10.0				1-70		*	5	70		*PRODUCED (B)		*ADJ. TO 2026; *INCL. PRIM				
CDIL N, WAYNE																		
*4053	2800	12.0				1-61	12-71	1	4	50		PRODUCED (B)		*EST. *INCL PRIM SINCE 1960				
CDIL W, JEFFERSON																		
*2011	2700	10.0	19.0	160		01-61	10-63	5	4	95		PENN SD, PRDD (B)		*INCL 2012				
*2012	2880	8.0				01-61	02-63	1	2	30		PENN SD, PRDD (B)		*INCL WITH 2011				
2026	3000	8.0				06-69		3	7	160		PENN SD, PRDD (B)		*EST				
CONCORD C, WHITE																		
*4281	2279	11.0			36.4	09-59	01-72	4	3	80		PRODUCED (B)		*EST 1965-71; *INC PRM PRD 1959-71				
*4208	2950	12.0	21.1	218	35.1	10-52	10-62	2	2	40		GRAVEL, PENN SD (M)						
*4223	2980	17.0			37.5	06-53	01-56	3	8	140		GRAVEL BED (F)						
	3020	5.0						3	5	140								
4439	2630	8.0				06-62		1	1	20		PRODUCED (B)		*EST. *DATA N/A SINCE 1978				
	2980	6.0						1	1	20								
*4309	2260	10.0	20.9	75	36.0	12-60	12-67	2	3	50		SH SD, PRDD (M)						
	2870	11.0	20.9	75				1	1	20								
*4205	3003	16.0				01-55	01-59	1	3	30		SH SD (F)						
*4299	2260	15.0	16.0	175	37.0	08-60	07-67	10	10	210		SH SD, PROD (M)						
*4331	2890	21.0	20.0	75	37.5	01-61	10-67	3	4	50		SH SD, PRDD (M)						
*4332	2600	12.0	16.0	135	36.5	10-61	10-66	6	3	130		SH SD, PRDD (M)						
*4358	2900	15.0			37.3	03-62	01-72	2	1	20		PRODUCED (B)		*NO DATA 1967-1971				
4206	2620	12.0			37.0	07-53		2	4	20		SH SD, PRDD (M)						
	2890	13.0																
	2980	4.0																
	3020	9.0																
*4229	2960	15.0	15.0	50	36.0	08-53	11-57	1	3	40		SH SD, PRDD (M)						
	3020	15.0						1	3	40								
4207	2620	21.0			37.0	07-51		1	2	20		SH SD, PRDD (M)		*ESTIMATED SINCE 1969				
	2900	22.0						1	3	30								
	3040	5.0						1	2	100								



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)				
FIELD, COUNTY	PROJECT	PAT NAME	LOCATION	WATER	OIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION			
* = A.B.									
+ = P.M.									
				TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
				1982	12/32	1992	12/82	1982	12/82
CONCORD C, WHITE									
CONTINUED									
*4444 SLAGTER PRODUCING	BROWN-SPILLMAN U	CTPRESS	16-6S-10E		850*	117**		850*	
*4325 THUNDERBIRD DIL	N CONCORD U	HARDINSBURG	9,10-6S-10E		3492	903		5632	
CONCORD E C, WHITE									
4445 ABSHER DIL CO	PDMEROT	CTPRESS	26-6S-10E	30*	1035*	0.7	71*	30*	1035*
*4446 FAIRWAY PETROLEUM	PEARCE	CTPRESS	35-6S-10E		205*		39**		205*
*4233 H. E. GARRETT	PEARCE U	AUX VASES							
		CYPRESS	35-6S-10E, 2-7S-10E		310*	12*		117*	
COOKS MILLS C, COLES, DOUGLAS									
* 522 CHARLES R. GRAT	COMBES ESTATE	SPAR MTN	24-14N-7E		76	1			
* 802 CHARLES R. GRAT	LOGAN-MODRE	SPAR MTN	13-14N-7E		61	1			
* 510 KUYKENDALL DRLG.	BRADLET WF	SPAR MTN	26,27,34,35-14N-7E		1914	56		875	
* 513 KUYKENDALL DRLG.	EASTON WF	SPAR MTN	27-14N-7E		556	12		243	
* 505 S AND M OIL CO.	COOKS MILLS UNIT	SPAR MTN	9,15,16-13N-7E		3620	262		2800	
* 508 SCHAEFER DIL CO.	COOKS MILLS U	SPAR MTN	18,19,20,30-14N-8E, 13,24,25-14N-7E		3165	211		954	
CORDES, WASHINGTON									
4028 MEPCO, INC.	BERNREUTER	BENDIST	14-3S-3W	24	83*	0.7	27*	24	83*
4010 MOBIL DIL CDRP.	GILL EST., P.KDZUSZEK	BENOIST	26-3S-3W	71	4889	1.5	1612*	74	4591
4000 DIL TECHNOLGY GROUP	CORDES COOP	BENDIST	14,15,22,23-3S-3W	319	29589	11.8	5102	336	34023
CDRINTH, WILLIAMSON									
4504 C. E. BREHM	CDRINTH UNIT	AUX VASES	29-8S-4E	58	408	14.7	111	40*	92*
CDVINGTON S, WAYNE									
*4120 DONALD G. GEARY	HEIDINGER-VDGEL	MCCLDSKY	13-2S-6E		51		*		
CROSSVILLE W, WHITE									
*4404 CONTINENTAL DIL	CROSSVILLE WEST U	AUX VASES	15,16-4S-10E		1129		46		245
		SPAR MTN							
		MCCLDSKY							
DALE C, FRANKLIN, HAMILTON, SALINE									
*1309 C. E. BREHM	WESTBROOK	AUX VASES	1-7S-4E; 6-7S-5E		1015		110		
*1513 C. E. BREHM	CANTRELL U	AUX VASES	4,5-7S-5E; 33-6S-5E		3007		340		244*
*1534 C. E. BREHM	MDGAN U	AUX VASES	9,16-7S-5E		2427		73		276*
*1544 C. E. BREHM	P.M. SMITH	AUX VASES	33-6S-5E, 4-7S-5E		1588		275		637*
*1545 C. E. BREHM	RURAL HILL S	AUX VASES	33,34-6S-5E, 3,4-7S-5E		1371		10		93*
*1552 C. E. BREHM	MODRE U	AUX VASES	29,30,32-6S-5E		737		13		134*
*1553 C. E. BREHM	CROW U	AUX VASES	30,31-6S-5E		1282		155		101*
1556 JDE A. DULL	DALE W WF	AUX VASES	6-7S-5E	20*	693*	0.1	60	20*	361*
*1564 DUNCAN LSE+RDY	KNIGHT	AUX VASES	9-6S-6E		935		28		
*1520 FARRAR OIL CO.	TEDFORD	AUX VASES	26-5S-6E		436		138*		256*
*1525 FARRAR DIL CO.	TEDFORD	BETHEL	26-5S-6E		62		*		*
1566 FARRAR OIL CO.	NW RURAL HILL U	AUX VASES	21-6S-5E	75*	2389*	0.8	364	64*	1383*
1575 FARRAR OIL CO.	URIAH FOSTER	AUX VASES	22-6S-5E	20*	540*	0.2	52	20*	540*
*1547 T. W. GEORGE EST.	CANTRELL S. UNIT	AUX VASES	7,18-7S-5E		3259		512		1640
1526 HERMAN GRAHAM	J.M. STELLE	AUX VASES	27-5S-6E	50*	1968	4.8	143	50*	1919*
1528 HERMAN GRAHAM	DALE-MODDILL CDRP	BETHEL	27-5S-6E		319				
		AUX VASES		70*	5827*	4.1	255*	70*	2802**
*1537 HERMAN GRAHAM	NELLIE PORTER	CTPRESS	34-5S-6E		447*		17*		256*
		BETHEL			2495*		255*		1820*
		AUX VASES							
*1510 GULF DIL CO	W RURAL HILL U	AUX VASES	11,14,15,22,23-6S-5E		10312		1405*		5499*
*1511 GULF OIL CO	W RURAL HILL U	OHARA	11-6S-5E		695		*		*
*1559 GULF DIL CO	M.E. PARKS "B"	OHARA	34-6S-5E		179		4		48
*1536 DAVID F. HERLET	WEST END	AUX VASES	8-7S-5E		2262		283		630*
*1501 INLAND PRODUCERS	N RURAL HILL U	AUX VASES	5,6,7,8-6S-6E		3372		293		1536
*1523 E. H. KAUFMAN	N. RURAL HILL U	AUX VASES	11,12-6S-5E		1900		119*		1018
*1524 E. H. KAUFMAN	S.E. RURAL HILL U	AUX VASES	18,19-6S-6E		2312		247*		1492
1549 E. H. KAUFMAN	SW RURAL HILL UNIT	AUX VASES	23-6S-5E	20*	2078*	1.3	172	20*	1799*
1563 LADD PETROLEUM	DOOD-WILSON U	CYPRESS	6-6S-7E	68	17366	6.3	1428	130	10339
		BETHEL							
1578 LADD PETROLEUM	CULLUM-SUTTLE U	AUX VASES	4,5-6S-6E	26	1096	0.6	42	25	692
1557 MAC DIL COMPANT	BURNETT WF UNIT	AUX VASES	1-7S-5E	30	1052	0.3	71	30	561
*1533 MARATHON DIL CO.	DGLESBT-GRISWOLD	AUX VASES	17-6S-6E		211		2		16
1561 MARATHON OIL CO.	BRILL UNIT	HARDINSBURG	6-6S-7E	167	10362	3.8	708	329	7582
		CTPRESS							
		BETHEL							
1565 MARATHON DIL CO.	M.C. MODRE	AUX VASES	26,34,35-6S-5E	13	5870	1.9	301	45	2248
*1543 MARION CDRP	FRIEL	OHARA							
		BETHEL	34-5S-6E		3064		255		1592
		AUX VASES							
3620 MISTY DIL CO	RALET	AUX VASES	29-7S-5E	40*	756*	2.4	82	40*	746*
3622 MISTY OIL CO	WEST END	AUX VASES	19,20,30-7S-5E; 25-7S-4E	160	9349	7.5	738	160	2640*
3625 MISTY DIL CO	WEST END UNIT	AUX VASES	17,19,20-7S-5E	90*	3171*	7.5	266	90*	1797*
1514 DIL TECHNOLGY GROUP	RURAL HILL UNIT	AUX VASES	11,12,13,14,23,24-6S- 5E 7,18-6S-6E	*	64251	4.4	4917	185	44786
		OHARA							
		MCCLDSKY							
*1502 PHILLIPS PET. CO	CANTRELL U	AUX VASES	5,6,7-7S-5E		1814		161		1116
1568 POLLACK BRDS.	ADA OIAL #2	OHARA	3-6S-6E	40*	794*	1.2	66	40*	620*
*1512 SHERMAN DRLG	RURAL HILL	AUX VASES	13,23,24-6S-5E		5700*		674*		4124*
		OHARA							
1548 SHERMAN DRLG	BENEFIEL-ARNOLD	AUX VASES	16,21-6S-7E	50*	4061*	2.7*	253*	50*	2530*
		MCCLDSKY							
*1535 JDE SIMPKINS DIL	BARKER	AUX VASES	24-6S-5E		543		74		261
*1567 JDE SIMPKINS DIL	DALE CDRP	AUX VASES	10,15,16-6S-5E		230*		15*		135*
*1507 STEWART PRODUCERS	BILL JONES	AUX VASES	3-6S-6E		171		17		4
*1516 STEWART PRODUCERS	CRADDOCK-ARMES	AUX VASES	19-6S-6E		203*		15*		96*
*1531 STEWART PRODUCERS	WILLIAMS HEIRS CDRP	AUX VASES	9,10-6S-6E		272		4		130
*1539 STEWART PRODUCERS	FLANNIGAN U	AUX VASES	28,29-6S-5E		722		14		142
*1540 STEWART PRODUCERS	HUNGATE U	AUX VASES	28-6S-5E		506		27		116

***** RESERVOIR STATISTICS (AV. VALUE) *****												***** DEVELOPMENT AS OF 12-31-82 *****				***** INJECTION WATER *****					
***** FIELD, COUNTY *****		***** PERM *****	***** OIL *****	***** DATE *****	***** DATE *****	***** ND. OF *****	***** ACRES *****	***** SOURCE *****	***** TYPE *****												
***** PRD. *****	***** DEPTH *****	***** NET *****	***** PDR *****	***** (MD) *****	***** GRAV *****	***** FIRST *****	***** ABD *****	***** UNDER *****	***** SO=SAND *****	***** (F)=FRESH *****											
***** ND. *****	***** (FT) *****	***** PAT *****	***** (X) *****	***** (API) *****	***** INJ. *****	***** INJ. *****	***** PROD. *****	***** INJ. *****	***** PRDD=PRODUCED *****	***** (M)=MIXED *****											
		***** (FT) *****							***** SH=SHALLOW *****												
***** REMARKS *****																					

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Table 11. continued

GENERAL INFORMATION					* PRODUCTION AND INJECTION STATISTICS (M BBLs) *					
FIELD, COUNTY	PROJECT	PAT NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABD					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
+ = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82			
*****										
DALE C, FRANKLIN, HAMILTON, SALINE										
CONTINUED										
*1541 STEWART PRODUCERS	BRUMIT U	AUX VASES	6,7-6S-6E		266	190	151			
*1562 STEWART PRODUCERS	JONES 2	AUX VASES	18-6S-6E		291*	93*	135*			
*1504 TEXACO, INC.	WEST DALE UNIT	AUX VASES	11-6S-6E		6476	614	3334			
*1508 TEXACO, INC.	HOOD-CAREY UNIT	AUX VASES	3-6S-6E		857	*	*			
*1509 TEXACO, INC.	HOOD-CAREY UNIT	BETHEL	3-6S-6E		1109	250*	1910*			
*1538 TEXACO, INC.	VAUGHAN-BROCKETT CDDP	AUX VASES	17,18-6S-6E		1237	82	728			
1560 TEXACO, INC.	DALE UNIT	TAR SPRINGS	1,2,11,12,13-6S-6E,5,	354*	19749	53.9*	10119*	2213*	142274*	
		HARDINSBURG	6,7,8,17,18,19-6S-7E		1268					
		CTPRESS			243*	26531				
		BETHEL			398*	40676				
		AUX VASES			1217*	106136				
1542 UNION OIL CALIF.	DALE CDDP	TAR SPRINGS	36-5S-6E,31-5S-7E,		782	30497	15.5	2153	550	15738
		HARDINSBURG	6,7-6S-7E							
		CTPRESS								
		BETHEL								
		AUX VASES								
DEERING CITT, FRANKLIN										
1319 FARRAR OIL CO.	PEABOOT COAL	AUX VASES	9-7S-3E		54*	641*	2.5	125*	54*	561*
DIVIDE C, JEFFERSON										
2015 WM. & P. BECKER	DELLA MCELRAVY	AUX VASES	17-1S-4E		279	*	30		183	
2007 DEVON CORP.	PRITCHARD HRS	AUX VASES	20-1S-4E		18	402*	1.7	187	18	251*
2022 JOHN DUNNILL	ELLER-PIERCE-WILLIS	MCCLDSKT	16-1S-4E	35*	460*	6.9	87*	35*	460*	
*2002 GULF OIL CO	W.D. HOLLIDAY	MCCLDSKY	21-1S-4E		2707		135		2294	
2027 E HOMER JAHN	MINDOR UNIT	SPAR MTN	23-1S-3E	+	+		233		1155*	
2021 TEXACO, INC.	WEST DIVIDE U	SPAR MTN	13,14,15,22,23,	758	36497	20.0	1486	655	25443	
		MCCLDSKY	26-1S-3E							
DUBDIS C, WASHINGTON										
4007 N. A. BALDRIDGE	KAMINSKI	CYPRESS	7,8,17-3S-1W	40*	1635*	2.3	162	40*	1255*	
4024 N. A. BALDRIDGE	MUSIAL WATERFLDOD	CYPRESS	19-3S-1W,24-3S-2W	15*	135*	0.2	7	15*	135*	
*4003 HARRY MABRY	PEEK	CTPRESS	20-3S-1W		68		16		5	
4001 ELMER OELZE	D D PECK	CTPRESS	20-3S-1W	20*	425*	1.0	18	20*	246*	
4006 ELMER OELZE	KLAYBOR	CTPRESS	17-3S-1W	65*	1212*	3.2	125	65*	1175*	
4025 E. M. SELF	RUDDLPH	CTPRESS	17-3S-1W	40*	1335*	4.2	125*	40*	1305*	
DUDLEY, EDGAR										
900 BARR-HOHMAN-RDBSN	BAKER LSE	L DUDLEY	9-13N-13W	190*	2260*	15.2	475	190*	2260*	
903 BARR-HOHMAN-RDBSN	BAKER LSE #2	L DUDLEY	9-13N-13W	50*	793*	5.0	66	50*	743*	
906 G. T. ODIE	BRINKERHOFF	L DUDLEY	10-13N-13W	100*	1175*	15.5	212*	100*	1175*	
905 W MENIGMAN EST	WALLER		3-13N-13W	*	634*		136*	*	634*	
904 JUDITH NEUMAN	STEIDL	L DUDLEY	3-13N-13W	30*	639*	2.4	43*	30*	639*	
901 ODIS PATTILLO EST	ZITA HUKILL	L DUDLEY	3-13N-13W	35*	519*	6.0	94	35*	519*	
902 ODIS PATTILLO EST	A STAUB LSE	L DUDLEY	4-13N-13W	75*	671*	16.7	184	75*	671*	
EDINBURG W, CHRISTIAN, SANGAMON										
103 DON HANKS	EDINBURG W U	SILURIAN	8,16,17-14N-3W	14*	1084*	1.9*	154*	14*	1094*	
ELBRIDGE, EDGAR										
* 907 CONTINENTAL OIL	ELBRIDGE	FREDDNIA	1,2-12N-11W; 36-13N-11W		12000*		600*		12000*	
ELDRADO C, SALINE										
3624 WM. & P. BECKER	ELDRADO NW	WALTERSBURG	9,16,17-8S-7E	65*	1033*	0.8	30	35*	272*	
*3614 BUFAT OIL CO	SPRICH-LDRCH	AUX VASES								
*3610 HAR-KEN OIL CO.	SOUTHWEST U	WALTERSBURG	35-8S-6E		137		24			
*3611 HAR-KEN OIL CO.	CENTRAL U	WALTERSBURG	20,21-8S-7E		5703		663		2897	
3621 HAR-KEN OIL CO.	WEST UNIT	WALTERSBURG	15,16,21-8S-7E	1042*	26481*	17.2	2036	1092*	14573*	
		PALESTINE	20-8S-7E	300	5234*	9.1	151	170	1127*	
		BETHEL								
*3603 FRANK KING	ENDICOTT U	AUX VASES	2-8S-7E		221		21		42	
*3609 W. C. MCBRIDE	CYP. ELDRADO NE UNIT	CYPRESS	10,15-8S-7E		633		58		127	
3600 MISTY OIL CO	NW ELDRADO U	TAR SPRINGS	8-8S-7E	150*	1937*	9.0	120	50*	501*	
		HARDINSBURG								
3612 MISTY OIL CO	VICTOR SUTTNER C	AUX VASES	7-8S-7E	30*	1368*	3.8	92	80*	834*	
3608 THE NELSON CO.	WALT. ELDRADO NE U	WALTERSBURG	10,11,15-8S-7E	430*	19695*	17.1	1650*	400*	9925*	
ELDRADO E, SALINE										
*3607 G. L. REASOR OIL	PORTER	AUX VASES	23-8S-7E		373		35		41	
ELLERY E, EDWARDS										
*1007 T. E. CRDSLEY	ELLERT EAST UNIT	AUX VASES	27,34-2S-10E		1639*		433**		887**	
*1019 T. E. CRDSLEY	ELLERT E U	DMARA	27,34-2S-10E		1673*		+		+	
ELLIOTTSTOWN N, EFFINGHAM										
*1101 VIRGIL STREETER	N ELLIOTTSTOWN	MCCLDSKT	17,20-7N-7E		529*		99*		263*	
ENERGY, WILLIAMSON										
4502 A. B. VAUGHN	ENERGY WF	AUX VASES	3,4-9S-2E	30	1489*	4.6	109		1298*	
ENFIELD, WHITE										
4461 ABLE ENERGY	ENFIELD WEST UNIT	AUX VASES	19-5S-8E	216	406	33.1	61	35	183	
*4441 JOE A. DULL	PRICE	AUX VASES	29-5S-8E		400*		30**		400*	
		DMARA								
*4209 RICHARD ELSIE	S ENFIELD U 2	MCCLDSKT	28,29,32-5S-9E		1127		92		845	
*4264 RICHARD ELSIE	S ENFIELD U 1	AUX VASES	28,29,32-5S-9E		2288		360*		519	
*4292 RICHARD ELSIE	S ENFIELD U 3	DMARA	28,29,32-5S-8E		363		99*		259	
EXCHANGE E, MARION										
*2630 FARRAR OIL CO.	EXCHANGE EAST UNIT	SPAR MTN	29-1N-4E		348		51		104	
		MCCLDSKT								

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER			
FIELD, COUNTY										NO. OF		ACRES		SOURCE		TYPE	
PROJ.	DEPTH	NET	POR	PERM	OIL	DATE	DATE	WELLS	ABD.	INJ.	PROD.	INJ.	PROD	SO=SAND	GR=GRAVEL	(F)=FRESH	(B)=BRINE
NO.	(FT)	PAY	(X)	(MD)	(API)	INJ.	ABD.	INJ.	PROD.	INJ.	PROD.	INJ.	PROD	SM=SHALLOW	PROD=PRODUCED	(M)=MIXED	
REMARKS																	
DALE C, FRANKLIN, HAMILTON, SALINE																	
CONTINUED																	
*1541	3180	20.0	12.0	90	37.0	10-59	12-71	3	3	60				CYPRESS SD, PROD (B)			
*1562	3166	20.0	12.0	90	37.0	11-62	01-72	1	2	40				PURCHASED (B)			*INACTIVE 1968-1972
*1504	3050	14.0	17.0	125	38.0	07-51	09-67	6	15	260				PENN SD, PROD (B)			
*1508	3050	26.0	19.0	109	37.0	06-58	12-68	5	8	130				NARDINSBURG, PROD (B)			*INCL WITH 1509
*1509	2950	26.0	17.5	126	37.0	06-58	12-68	5	8	130				NARDINSBURG, PROD (B)			*INCL 1508
*1533	3150	18.0	21.4	149	38.8	03-62	11-68	5	10	180				PENN SD, PROD (B)			
1560	2400	13.5	18.0	52	36.0	07-65		21	32	4020				PENN SD, PROD (B)			*ESTIMATED FROM TOTAL INJECTION
	2475	8.5				01-65	07-71	18	30	328							*INCL ALL PAYS
	2680	13.3	15.3	109	36.0	01-65											
	2900	18.0	13.0	22	36.0	01-65											
	2980	16.5	17.3	66	37.0	01-65											
1542	2320	15.0	18.0	150		06-63		5	8	434				PENN SD, PROD (B)			
	2500	16.0															
	2700	15.0															
	2920	22.0															
	3020	25.0															
DEERING CITY, FRANKLIN																	
1319	2800	15.0			38.2	07-61		1	3	160				PRODUCED (B)			*INCL PRIM
DIVIDE C, JEFFERSON																	
2015	2658	20.0			37.8	03-69		1	3	50				CYPRESS (B)			*NO PROD DATA SINCE 1981
2007	2612	5.0				08-69		1	2	30				CYPRESS (B)			*EST. 1982
2022	2800	6.0				74-72		2	5	80				PRODUCED (B)			*EST.+INCL PRIM SINCE 72
*2002	2805	6.9	18.0		36.6	05-55	09-65	1	5	60				PRODUCED (B)			
2027	2680	12.0				10-65		6	6	60							*EST.+ADJ. TO WF; NO DATA SINCE 81
2021	2710	6.0	13.0	67	37.0	11-64		9	12	1500				PENN SD, PROD (B)			
	2750	13.0	13.8	1033	37.0												
DUBOIS C, WASHINGTON																	
4007	1250	9.5				01-63		6	16	250				PRODUCED (B)			*ESTIMATED
4024	1235	5.0				1-75		2	4	60				PRODUCED (B)			*ESTIMATED
*4003	1232	12.0			37.0	12-59	05-64	1	2	40				TAR SPR, PROD (B)			
4001	1260	10.0				11-68		1	4	50				PRODUCED (B)			*ESTIMATED SINCE 1970
4006	1250	10.0			37.0	10-61		3	18	210				BENOIST, PROD (B)			*ESTIMATED
4025	1215	12.0				10-61		2	5	70				PRODUCED (B)			*EST.+INCL PRIM SINCE 62
DUDLEY, EDGAR																	
900	420	18.0	20.0	30	28.3	08-67		3	15	100				PRODUCED (B)			*ESTIMATED SINCE 1973
903	410	12.0	20.0	30	29.0	02-72		2	8	80				PRODUCED (B)			*ESTIMATED
906	410	20.0				7-66		2	7	90				PRODUCED (B)			*EST.+INCL PRIM SINCE 66
905	415	18.0				01-67		2	6	60				PRODUCED (B)			*DATA N/A; +INCL PRIM SINCE 64
904	420	15.0				05-67		1	4	40				PRODUCED (B)			*EST +INCL PRIM PROD
901	410	30.0				03-67		1	3	40				PRODUCED (B)			*ESTIMATED
902	400	25.0				03-67		1	7	70				PRODUCED (B)			*ESTIMATED
EIDNBURG W, CHRISTIAN, SANGAMON																	
103	1700	15.0			3.0	11-61		1	13	160				PRODUCED (B)			*INCL PRIM SINCE 54+EST. 1982
ELBRIDGE, EDGAR																	
* 907	950	4.0				6-50	12-65	12	12	300				PRODUCED (B)			*ESTIMATED
ELDORADO C, SALINE																	
3624	2330	15.0				06-71		4	5	100				PRODUCED (B)			*ESTIMATED SINCE 1973
	2900	12.0						3	3	100							
*3614	2050	11.0	15.0	150	38.0	09-64	12-68	1	1	10				PALESTINE SD (B)			
*3610	2130	16.0	17.0	225	38.0	05-63	01-74	5	23	290				PENN SD, PROD (B)			
3611	2150	20.0	17.0	225	38.0	05-63		5	5	220				PENN SD, PROD (B)			*EST
3621	1900	15.0	17.0			2-72		4	5	200				PENN SD, PROD (B)			*EST
	2700	5.0	11.0														
	2900	10.0	15.0		32.6												
*3603	2090	7.0	13.0	100		04-59	10-63	1	4	60				PENN SD (B)			
*3609	2560	12.0	18.0	80	38.0	12-62	08-68	2	3	90				PENN SD, PROD (B)			
3600	2200	10.0			36.9	05-70		1	1	30				PRODUCED (B)			*ESTIMATED
	2314	8.0						2	2	40							
	2900	7.0						3	4	80							
3612	2922	5.0			35.4	09-63		1	2	40				PENN SD (B)			S.D. 4-65, REACTIVATED 7-66+EST
3608	2200	22.0	19.0	200	38.0	08-63		6	7	540				PENN SD, PROD (B)			*SINCE 11-62; +EST. SINCE 77
ELDORADO E, SALINE																	
*3607	2900	7.0			37.0	01-61	12-65	5	5	150				PALESTINE SAND (B)			
ELLERY E, EDWARDS																	
*1007	3170	10.0	17.7	26		12-57	06-67	13	11	270				SM SD, PROD (M)			*NO DATA 1966-67 +INCL 1019
*1019	3240	5.0				12-57	06-67	10	16	300				SM SD (F)			*NO DATA 1966-67 +INCL WITH 1007
ELLIOTSTOWN N, EFFINGHAM																	
*1101	2700	6.0				12-66	12-72	2	10	180				TAR SPR, PROD (B)			*ESTIMATED 1968-72
ENERGY, WILLIAMSON																	
4502	2354	20.0			40.0	10-71		2	4	100				PRODUCED (B)			*ESTIMATED
ENFIELD, WHITE																	
4461						11-80		3	8	110							*DATA INCOMP.
*4441	3245	15.0				7-60	12-64	+	1	20				PRODUCED (B)			*EST.+ADJ. TO 4264&4292
	3320	5.0						1	1	30							*INCL PRIM. 1960-1966
*4209	2945	4.6			36.6	10-56	03-68	2	1	80				SM SD, PROD (M)			
*4264	2810	8.4	21.5	142	36.0	02-54	03-68	3	3	220				PRODUCED (B)			*INCL PRIM PROD
*4292	2874	5.0			37.5	08-56	10-65	1	1	80				PRODUCED (B)			*INCL PRIM PROD SINCE 8-56
EXCHANGE E, MARION																	
*2630	2775	10.0				05-66	07-70	1	2	80				CYPRESS			
	2850	5.0						1	3	80							

Table 11. continued

GENERAL INFORMATION					* PRODUCTION AND INJECTION STATISTICS (M BBLs) *					
FIELD, COUNTY	PROJECT U = UNIT	PAY NAME	LOCATION S - T - R		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = ABO					* 1982 * 12/82 *	* 1982 * 12/82 *	* 1982 * 12/82 *			
* = P.M.										
EXCHANGE N C, MARION 2635 EGO OIL CO	SLAPOUT WF	HCCLOSKEY	7-1N-4E, 12, 13-1N-3E		211	4097*	2.0	500	100	1493+
EXCHANGE W, MARION 2628 STONE OIL CO	WYATT A & WYATT B +	SPAR MTN	3, 4, 9-1N-3E		50	1246*	8.6	148*	50	591*
FAIRMAN, CLINTON, MARION * 413 PAUL WAITE	OUCCOMB-KREITLER	BENOIST	13, 24-3N-1W			1494**		252**		1494**
FLORA S, CLAY * 331 DONALD G. GEARY	GIVEN-MCGREW U	MCCLOSKEY	4-2N-6E			70		4*		7
FRIENOSVILLE CEN, WABASH 3936 PROSPECT PETRO. CORP		OHARA			2	2*	2.5	3*	2	2*
FRIENOSVILLE N, WABASH * 3998 O. LOEFFLER ESTATE. * 3945 MOBIL OIL CORP. * 3953 J. W. SANDERS	FRIENOSVILLE NORTH U LITTLERLAND FRIENDSVILLE N U	BIEHL BIEHL BIEHL	12-1N-13W 1, 2-1N-13W 1-1N-13W		379 623 *			99 142* 7		99 282 .
FROGTOWN N, CLINTON 409 ELMER OELZE	SCHROEDER	SILURIAN	31-3N-3W		*	*	8.2	113		
GAROS POINT, WABASH 3853 BELL BROTHERS 3852 WALKER OIL CO.	TALLEY GAROS POINT UNIT	OHARA OHARA	23-1N-14W 23, 26-1N-14W		* 54**	* 1573+	3.0 2.8	55 34	54*	1494*
GERMANTOWN E, CLINTON * 406 NAT. GAS PIPELINE	GERMANTOWN	SILURIAN	36-2N-4W, 1-1N-4W		100	5118	5.0	1254	100	5118*
GILA, JASPER * 1916 SCHAEFER OIL CO.	GILA	MCCLOSKEY	28, 32, 33-8N-9E			3194		418		1760
GOLDENGATE C, EDWARDS, WAYNE, WHITE * 4412 AMERICAN PUMP * 4124 CITIES SERVICE * 4128 CITIES SERVICE * 4155 CULLUM OIL CO. * 4154 ALVA C. OAVIS 4093 OES DRILLING	POLLARO UNIT KLETZKER U GOLDENGATE U PETTIGREW-PIERCY UNIT BUNNAGE-WOODS U SOUTH ELLERY UNIT	AUX VASES AUX VASES MCCLOSKEY AUX VASES AUX VASES AUX VASES SPAR MTN MCCLOSKEY	21, 22, 27, 28-3S-9E 4-3S-9E 28, 32, 33-2S-9E 24-2S-9E 13, 24-2S-9E 24, 25-2S-9E 19, 30-2S-10E		2174 102 926 262* 631 225*			109 1 7 14* 95 389		1085 10 281 122* 130 4063*
* 4145 OUNCAN LSE+ROY 4139 FAIRFIELD OIL CO * 1027 ILL. LSE OP. * 4447 JENKINS BROS 4123 M ANDO M OIL CO.	SCOTTSVILLE PONO CREEK WF UNIT CHALCRAFT-HORN WHITLOW-WILLIAMS GOLDENGATE UNIT	AUX VASES AUX VASES AUX VASES MCCLOSKEY AUX VASES OHARA SPAR MTN MCCLOSKEY	23, 26-2S-9E 29, 30, 31, 32-2S-9E 20-2S-10E 28-3S-9E 32, 33-2S-9E		751 8642 79 800* 596*# 1515*			254 635 14 105** 203*		1085 2664 5 800* 343*# 655*
* 4378 MARCH DRUG. CO. * 4374 MIDWESTERN SUPPLY	GOLDENGATE COGOLDENGATE UNIT	AUX VASES AUX VASES SPAR MTN MCCLOSKEY	3-4S-9E 34, 35-3S-9E, 3-4S-9E		109 7400			27 686		107 3800
4148 POOL OIL CO.	W. ELLERY	AUX VASES OHARA SPAR MTN	15, 22, 23, 27-2S-9E		2546 3023*			1.4 440+	15*	1511**
1023 ROBINSON PROD.	SNOWBALL UNIT	AUX VASES SPAR MTN	30, 31-2S-10E		37	168	10.0	31	33	164
* 4138 SKILES OIL CORP. * 4377 TEXACO, INC. * 4189 M. J. WILLIAMS	D'ANIEL U J. MANCOCK COOP GOLDENGATE EAST UNIT	BETHEL AUX VASES BETHEL AUX VASES	26-2S-9E 21-3S-9E 25, 26-2S-9E		215 680 163* 163			26 25 30*		24 275 104*
GOLDENGATE N C WAYNE 4062 COLLINS BROS. * 4051 ILL. MID-CONT. 4066 NOAM PET	JONES LOCKE-JOHNSON GOLDENGATE NORTH UNIT	AUX VASES OHARA AUX VASES	5-2S-9E 17-2S-9E 17-2S-9E		150 350* 917			23 55* 96		150 350* 295
HALF MOON, WAYNE 4168 COLLINS BROS. 4160 JUNIPER PETROLEUM C	HALF MOON UNIT HALF MOON U	MCCLOSKEY OHARA	28-1S-9E 26, 34, 35-1S-9E		20* 32	5284* 7949	0.8 3.0	196 762	20* 32	2545* 3234
HARCO, SALINE 3619 COLLINS BROS. 3613 LOBBEE CORP.	HARCO U HARCO WEST POOL UNIT	AUX VASES AUX VASES	16-8S-5E 29-8S-5E		126 5*	4610 753*	7.1 0.1	271 69	126	3273
HARCO E, SALINE * 3601 SUN OIL CO. * 3602 SUN OIL CO.	HARCO WF UNIT HARCO WFPU	CYPRESS AUX VASES	25-8S-5E 24, 25, 26-8S-5E			84 334		3 30		37 112
HARRISBURG, SALINE * 3606 W. C. MCBRIOE	HARRISBURG NORTH	WALTERSBURG	34-8S-6E			1597		16		136
HERALD C, GALLATIN, WHITE 1454 ABSHER OIL CO * 1419 ASHLAND O AND R 4210 C. E. BREHM * 4304 C. E. BREHM 4456 JACK BROOKDYER	C.M&T.H BOYD SOUTH NEW HAVEN UNIT HERALD W. U. NEW HAVEN U NEWCOMB-AUG-HOY-WILSON	CYPRESS TAR SPRINGS WALTERSBURG AUX VASES CYPRESS AUX VASES TAR SPRINGS AUX VASES	23-7S-9E 29, 30-7S-10E 28, 33-6S-9E 18-7S-10E 34-6S-9E 23, 24, 25, 26-7S-9E		40* 199 20 168	745* 1538 4636 88 148 2905*	4.7 24.8 3.7 33.9	83+ 229 948 19 30 226	40* 199 20 113	745* 707 439* 148 1737*
* 1405 CONTINENTAL OIL * 1431 CONTINENTAL OIL 1430 JOE A. OULL 1433 JOE A. OULL * 4340 INO. FARM BUR.	COTTONWOOD N U COTTONWOOD TAR SPR HERALD E U GLOVER-NEVILLE NEW HAVEN WF	CYPRESS TAR SPRINGS AUX VASES AUX VASES AUX VASES	21-28-7S-9E 16-7S-9E 24-7S-9E, 19-7S-10E 24-7S-9E 17, 18-7S-10E		5613 179* 1692* 1504* 786			1045* 30 164 166 79		2114 45 530* 1262* 14*



[illegible]97



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAT NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82			
HERALD C, GALLATIN, WHITE										
CONTINUED										
4400 PAUL S. KNIGHT	HARRELL-KNIGHT-WILLMS	TAR SPRINGS	14-7S-9E		300*	4174*	8.9	308	300*	3972*
4360 LADD PETROLEUM	BAYLEY U	PENNSTLVNIN	11-7S-9E		16	8281	0.8	338	22	3463
		CLORE								
		TAR SPRINGS								
		CYPRESS								
		AUX VASES								
4365 LADD PETROLEUM	HERALD COOP	AUX VASES	10-7S-9E		+	1361+	3.9	142	40*	1210*
*4359 LIVINGSTON OIL	CALVERT "A"	AUX VASES	4-7S-10E			31				
4355 MASON OIL CO.	HERALD U	CTPRESS	27,33,34-6S-9E,		25*	5598*	0.1	747	25*	2214*
			4-7S-9E							
*4291 W. C. MCGRIDE	BAYLET	PENN	3-7S-9E			398*		27		129
		CTPRESS								
*4212 J. B. MITCHELL	BAYLET U	CTPRESS	2-7S-9E			491		21		35
*4211 DENNIS PAINE	ACKERMAN UNIT	AUX VASES	4-7S-10E			462		63		
4382 BERNARD PODOLSKY	BAYLET UNIT	WALTERSBURG	13,24-7S-9E		24	1332	0.4	207	9	761
4383 BERNARD PODOLSKY	GRANT AUX VASES UNIT	AUX VASES	13-7S-9E		23	522	0.7	68	16	288
4389 BERNARD PODOLSKY	CLARK UNIT	AUX VASES	4,5,8,9-7S-10E		37	1498*	3.6	125	7	405
4428 BERNARD PODOLSKY	L.D. AUSTIN	WALTERSBURG	28-6S-9E		*	*	3.4	126	40+	790+
4427 SANDS OIL CO.	HERALD NW UNIT	WALTERSBURG	27,23-6S-9E		50+	873+	6.1*	166*	50+	733+
4348 SHAKESPEARE OIL	QUESTELL COOP	PENNSYLVNIN	11-7S-9E		36	735	4.0	152*	11	176
*4364 TAMARACK PET.	HERALD U	PENN	34-6S-9E/2-7S-9E			343		17		17
HICKORY HILL, MARION										
*2625 EAGLE SUPPLY CO	HALFACRE	BENOIST	27-1N-4E			114		17		131
HILL E, EFFINGHAM										
1120 PARTLOW, COCHNOR	MORATH, POTNTER, GADDET	CTPRESS	1,12-6N-6E		25*	1579*	1.4	106	25*	1579*
1121 PARTLOW, COCHNOR	BROWN, WOOD-BROWN	SPAR MTN	10,11-6N-6E		9*	3776*	0.7	256	9*	3776*
*1105 WICHITA INDUSTRIES	HILL EAST UNIT	CTPRESS	11,12,13,14-6N-6E			3185		154		1100
HORD, CLAT										
351 JET OIL CO.	CONNERY-SCHRODL	AUX VASES	14-5N-6E		12	224	1.5	44	12	158
		STE GEN								
HORD S C, CLAT										
* 332 SHIRK, WEBSTER	SOUTH HORD UNIT	STE GEN	26,27,34,35-5N-6E			8908		748		6707
* 337 SHIRK, WEBSTER	ZINK UNIT	STE GEN	26,35-5N-6E			1571		77		462
INA, JEFFERSON										
*2008 KEWANEE OIL CO.	JEFF-KARBER-THREL B	RENAULT	23-4S-2E			2317		238		2535
		MCCLOSKY				1130				
INGRAHAM C, CLA:										
326 BUFAV OIL CO	SAILOR SPRINGS EAST U	SPAR MTN	5,6-4N-8E		15	206	3.2	48	2*	16*
* 320 HUMBLE D AND R	INGRAHAM U	SPAR MTN	4,9-4N-8E			2568		810		1543
354 R & R OIL CO	PASSPORT UNIT	MCCLOSKY	2-4N-8E, 35-5N-8E		15	1734*	0.1	213	6	127*
308 SHAKESPEARE OIL	STANLEY-HINTERSHER	MCCLOSKY	12-4N-8E		15	873	2.1	83*	15	481
327 SHAKESPEARE OIL	PASSPORT U	MCCLOSKY	11,12,14-4N-8E		3	11543*	0.5	570	3	9343*
INMAN E C, GALLATIN										
1436 AUTUMN OIL CO	EGLI	TAR SPRINGS	20,21,28,29-7S-10E		130*	3105*	6.7	356	130*	2076*
		CTPRESS								
1408 BI-PETRO, INC.	WEST UNIT	PALESTINE	9,10,15,16,21,		*	29098*	*	3378	*	10080*
		WALTERSBURG	22-8S-10E							
		TAR SPRINGS								
		HARDINSBURG								
		CTPRESS								
1459 C. E. BREHM	LEACH-TATE U	WALTERSBURG	20,21-3S-10E		4*	4*	1.9*	2*	4*	4*
1455 JAMES BROWNING	GOFORTH	TAR SPRINGS	27-7S-10E		+	+	4.0	107	25*	333*
*1422 CRAWFORD PROD	BLACK	WALTERSBURG	2-8S-10E			682*		115*		186*
*1409 FARRAR OIL CO.	E INMAN	TAR SPRINGS	33,34-7S-10E, 2,3,10-			24228		3550		
		CTPRESS	8S-10E							
*1406 HUMBLE D AND R	BIG BARN	CTPRESS	11-8S-10E			226		33		27
1456 MOBIL OIL CORP.	WILLIAMS	TAR SPRINGS	27-7S-10E		50*	1460*	1.8	116	50*	1230*
*1420 JOE SIMPKINS OIL	HAVEN	AUX VASES	28,32-7S-10E			192		2		
*1426 E. G. WELKER	EGYPTIAN TIE, TIMBER	WALTERSBURG	21-8S-10E			515*		61*		149*
		HARDINSBURG								
		CTPRESS								
1407 WESTERN OILS, LTD	KERWIN-CRAWFORD	DEGONIA	11,14-8S-10E		80+	2520*	5.1	2170	80+	5894*
		CLORE								
		PALESTINE								
		WALTERSBURG								
		TAR SPRINGS								
		CTPRESS								
*1411 WESTERN OILS, LTD	J A WILLIAMS	TAR SPRINGS	27-7S-10E			170*		20		273
*1429 WESTERN OILS, LTD	SOUTH INMAN UNIT	WALTERSBURG	21,22-8S-10E			2467*		134		1359
		CTPRESS								
INMAN W C, GALLATIN										
1410 ASHLAND D AND R	RISTER-MOYE U	TAR SPRINGS	15-8S-9E		6	495+	0.1	100	6+	236*
		CTPRESS								
1440 ASHLAND D AND R	WEST INMAN U	TAR SPRINGS	11,12,14-8S-9E		82	3907	8.3	378	15*	707
		HARDINSBURG								
		CTPRESS								
*1457 CALVERT DRG. CO.	GAUEN	CTPRESS	15-8S-9E					90*		
1428 T. L. CLARK	HISH-STRUB UNIT	BEHL	21-8S-9E		20*	193*	1.4	32	20*	203*
1442 FARRAR OIL CO.	POND U	CTPRESS	26,27-8S-9E		99*	1561*	9.3	287	73*	1009*
		AUX VASES								
*1402 GULF OIL CO	INMAN W U	CTPRESS	15,16-8S-9E			2890*		425*		499*
*1403 GULF OIL CO	INMAN WU	TAR SPRINGS	15,16-8S-9E			*		*		*
1438 JUNIPER PETROLEUM C	RIDGWAT E UNIT	WALTERSBURG	14,22,23,27-8S-9E		50	2559	3.8	263	15	1178
		CTPRESS								
*1424 OIL MANAGEMENT INC	DRONE-RIDER-MINER	CTPRESS	27-8S-9E			340*		49*		104*
1450 DENNIS PAINE	WILLIAMS	HARDINSBURG	12-8S-9E		*	*	0.9	40		
		CTPRESS								
*1404 PHILLIPS PET. CO	LEVERT	CTPRESS	3-8S-9E			8				

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-51-82				INJECTION WATER				REMARKS
FIELD, COUNTY										NO. OF				SOURCE				
										WELLS				TYPE				
										ACRES				(F)=FRESH				
										UNDER				(B)=BRINE				
										INJ.				PRDD=PRODUCED (M)=MIXED				
										SH=SHALLOW								
PROJ.	DEPTH	NET	PDR	PERM	DIL	DATE	DATE	NO.	ACRES	SD=SAND	SH=SHALLOW	GR=GRAVEL	PRDD=PRODUCED	SH=SHALLOW				
NO.	(FT)	(FT)	(%)	(MD)	GRAV	FIRST	ABD.											
				(API)		INJ.		INJ.	PRDD	INJ.								
HERALD C, GALLATIN, WHITE																		
CONTINUED																		
4400	2260	11.0				10-70		2	6	100		PALESTINE	PRDD(B)		*ESTIMATED			
4363	1550	15.0	14.0	50		01-62		1	4	200		PENN SD, PRDD (B)						
	2050	15.0																
	2280	10.0																
	2630	22.0																
	2880	14.0																
4365	2900	13.0	18.2	100	37.0	05-62		2	6	70		PENN SD, PRDD (B)			*ESTIMATED SINCE 74; *INJ.DISC.73			
*4559	2920	12.0			36.8	05-62	07-64	1	1	20		SHALLOW WELL (F)						
4555	2675	11.4	16.2	52	38.0	06-62		20	20	420		PENN SD, PRDD (B)			*ESTIMATED			
*4291	1520	15.0	14.6	52		11-69	01-76	2	3	50		PENN SD, PRDD (B)			*INJ. CURTAILED 6-75			
	2700	10.0						2	3	50								
*4212	2715	15.0	14.9	58	59.0	09-57	03-62	2	2	60		PALESTINE (B)						
*4211	2890	25.0				02-56	01-71	1	2	30		GRAVEL BED (F)						
4382	2300	8.9	20.0	200	58.5	01-63		2	2	60		PAL SD, PRDD (B)						
4385	2950	9.7	19.0	100	34.8	08-63		2	2	160		PAL SD, PRDD (B)						
4389	2890	8.0	18.0	75	36.0	10-64		8	6	155		RIVER GRAV, PRDD (M)			*INJ.SUSP. 10-74 TO 4-78			
4428	2310	30.0				01-55			6	60					*ADJ TO ACTIVE WF; *EST			
4427	2320	12.0				01-71		2	5	60		PRODUCED (B)			*ADJ.TD ACTIVE WF SINCE 68; *EST			
4343	1425	13.0	19.0	46	33.5	01-62		1	3	59		PENN SD, PRDD (B)			*INCL PRIM PROO SINCE 1-62			
*4364	1550	8.0	15.1	15		01-62	12-64	5	3	120		PENN SD, PRDD (B)						
HICKORY HILL, MARION																		
*2625	2640	10.0			36.0	10-65	01-72	1	1	20		PRDDUCED (B)						
HILL E, EFFINGHAM																		
1120	2460	6.0				08-59		1	5	60		PRODUCED(B)			*ESTIMATED			
1121	2690	6.0				01-61		1	7	170		PRODUCED(B)			*ADJ.BT OPERATOR 82			
*1105	2460	13.0	18.0	100	40.0	12-59	12-64	3	15	150		SH SD, PRDD (M)						
HORD, CLAY																		
351	2710	15.0				10-65		1	2	20		PRODUCED (B)						
	2780	10.0								30								
HORD S C, CLAY																		
* 332	2770	9.6	15.0	862	36.1	09-58	06-70	3	12	340		RIVER, PRDD (M)						
* 337	2790	5.2	15.8	835	39.0	08-62	06-70	6	4	250		RIVER, PRDD (M)						
INMAN, JEFFERSON																		
*2008	2640	10.0	22.0	76	37.0	12-60	12-69	3	3	120		PENN SD, PRDD (B)						
	2770	8.0	15.0	25			12-69	4	3	140								
INGRAHAM C, CLAY																		
326	2990	10.0				1-75		1	5	140		CYPRESS(B)			*ESTIMATED			
* 320	3000	5.1	14.2	2450	38.0	12-56	12-60	9	17	297		PENN SD, PRDD (B)						
354	3025	10.0	15.0	35	39.0	06-65		1	1	320		PENN SD, PRDD (B)			*PRODUCED WATER RECIRCULATED			
309	5000	9.0			37.0	09-57		1	2	40		PRODUCED (B)			*INCL PRIM PRDD SINCE 9-57			
527	3000	10.0	16.9	911	38.2	07-58		1	2	305		CYPRESS, PRDD (B)			*ADJ.BT OPERATOR			
INMAN E C, GALLATIN																		
1436	2175	12.0	18.3	325	56.8	04-64		3	4	110		SH SD, PRDD (M)			*ESTIMATED			
	2499	21.0	16.5	212				4	4	130								
1403	1750	10.0	19.0	200	36.5	07-56			17	40		GRAVEL BED, PRDD (M)			*INJ.DISC.1930; DATA N/A SINCE 81			
	1980	15.0			37.2					160								
	2160	18.0			36.8					100								
	2200	14.0			36.5					220								
	2380	24.0			34.4					750								
1459	1995	15.0	18.0		35.0	10-81		1	8	30		PENN SAND,PRDD (B)			*PROJECT INACTIVE NOV/DEC 1961			
1455	2100	18.0				7-66			3	30					*EST.+ADJ.TO 1411 SINCE 65			
*1422	1975	15.0			37.0	01-59	12-67	1	5	50		PRODUCED (B)			*1965-67 ESTIMATED			
*1409	2150	14.0	17.5	150	37.7	03-54	12-64	35	35	700		GRAVEL BED (F)						
	2440	10.0	16.8	50	38.0			23	24	500								
*1405	2400	5.9	16.5	58	38.0	04-54	12-66	3	1	30		SH SD, PRDD (M)						
1456	2100	8.0				6-65+		1	1	20		PRODUCED(B)			*EST.+ADJ.TD 1411 SINCE 65			
*1423	2770	9.0	12.4	8	39.0	11-60	07-62	4	4	80		SH GRAV (F)						
*1425	1986	13.0			36.0	01-59	12-68	1	2	30		SH SD, PRDD (M)			*NO DATA 1967-68			
	2236	13.0						1	2	30								
	2419	5.0						1	2	30								
1407	1700	7.5	18.0	100	37.5	06-55		2	3	50		SH SD, PRDD (M)			*NO INJ. 1972-75; *EST SINCE 69			
	1750	7.5						5	4	100								
	1830	8.5			57.2			6	8	140								
	1930	13.5			36.8			10	14	200								
	2050	17.0						17	20	340								
	2380	21.8			34.4			12	15	240								
								1	4	40								
*1411	2102	14.0	16.0			07-66	07-78	1	2	30		PRODUCED (B)			*NO INJECTION AFTER 73			
*1429	2000	7.0	19.6	109	36.0	11-62	10-79	5	8	170		SH SD, PRDD (M)			*NO INJECTION 73-76			
	2380	15.0	16.6	89				2	4	60								
INMAN # C, GALLATIN																		
1410	2180	10.0	17.0	80		06-61	01-69	1	1	120		GRAVEL BED (F)			*EST SINCE 79 ; *ADJ			
	2500	12.0	16.5	40														
1440	2185	10.0			36.0	05-65		2	4	500		SH SD (F)			*EST.1982			
	2320	10.0																
	2516	10.0																
*1457	2500	11.0				6-55	12-65		1	10					*EST.+ADJ.TO 1402.03 1955-63			
1428	1570	10.0	21.0	75	38.0	01-62		2	5	70		PRODUCED (B)			*EST; TEMP. ABD. 1964-1974			
1442	2480	7.0				09-68		3	13	390		GRAVEL BED (F)			*ESTIMATED SINCE 1977			
	2780	15.0								210								
*1402	2500	16.5	13.5	40	38.6	05-55	12-65	10	7	110		PENN SD, PRDD (B)			*INCL 1403			
*1403	2180	11.0	15.0		36.1	03-57	05-63	5	7	90		PENN SD, PRDD (B)			*INCL WITH 1402			
1438	2080	18.0				01-72		3	5	100		SHALLOW WELL(F)						
	2502	7.0			56.8	11-65												
*1424	2500	8.0				06-66	12-77	4	5	110		PENN SD, PRDD (B)			*ESTIMATED 1976-77			
1450	2300	10.0				1-68			1	20					*ADJACENT TO ACTIVE WF			
	2480	15.0							2	30								
*1404	2560	6.0	18.0	100	35.0	05-57	06-59	1	1	20		PRODUCED (B)						

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R						
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.		
* = P.M.					1932 * 12/92	1932 * 12/32	1982 * 12/82		
*****									
INMAN W C, GALLATIN									
CONTINUED									
*1415 REBSTOCK OIL CO.	INMAN W	TAR SPRINGS	13,24-8S-9E		1438	79	764		
1427 REBSTOCK OIL CO.	SCHMITT "A"	PENNSYLVIN	15-8S-9E	20*	3049*	1.0	58	20*	526*
*1401 SAGER OIL CO	BRADELY UNIT	3IEHL	17-8S-9E		512*		169*		217*
1453 SHAKESPEARE OIL	RIOGWAY UNIT	CYPRESS	26-8S-9E	22	5305*	3.3	274*	22	5305*
		AUK VASES							
1425 JOE SIMPKINS OIL	INMAN WEST UNIT	TAR SPRINGS	1,12-8S-9E, 6,7-8S-10E	60*	3012*	8.8*	1449*	175**	4741**
		HARDOINSBURG		50*	1836*				
		CYPRESS		90*	4672*				
1449 JOE SIMPKINS OIL	NORTH INMAN UNIT	AUK VASES	31-7S-10E, 6-8S-10E	150*	1725*	6.6	110	150*	1725*
1451 JOE SIMPKINS OIL	OWNNEN-MURPHY	AUK VASES	1,2-8S-9E	10*	300*	0.2	16	10*	300*
1430 TARTAN OIL CO.	GOEBEL-MC GUIRE-RIOER	AUK VASES	19-8S-10E	21*	824*	3.1	84	21*	824*
*1458 V. T. DRIG. CO.	A-STRAB COMM	TAR SPRINGS	15-8S-9E				35*		150*
		CYPRESS							
*1423 ZANETIS OIL PROP	SLATON	HARDOINSBURG	11-8S-9E		283*	25			121*
		CYPRESS							
IOLA C, CLAY, EFFINGHAM, FAYETTE									
378 CULLUM OIL CO.	MCGEE-MOSS	AUK VASES	22-5N-5E	25*	1211*	0.5	66	25*	1211*
1112 GETTY OIL CO	BURK ROYALTY U	BETHEL	27,34-6N-5E	139	8687	2.4	217	149	3441
		AUK VASES							
1211 J-E-M OIL CO.	LACLEDE FLOOD	SPAR MTN	13-5N-4E	16	16	2.7	3	16	16
		BENOIST							
		AUK VASES							
		SPAR MTN							
		MCCLOSKEY							
* 357 JARVIS BROS.	LIGGETT	AUK VASES	17-5N-5E		201	31			201
1113 KARCHMER PIPE	ERVIN-ETCHASON	BETHEL	34,35-6N-5E	60*	1186*	2.3	168	60*	1136*
		AUK VASES							
1110 LAOD PETROLEUM	S MASON U	BENOIST	26,27,34,35-6N-5E	295	12498	35.7	1071	233	6546
		AUK VASES							
		SPAR MTN							
1111 LAOD PETROLEUM	KINGWOOD JARVIS U	BENOIST	34,35-6N-5E	167	13224	12.7	730	156	8048
		AUK VASES							
		SPAR MTN							
1119 E. M. SELF	WRIGHT	AUK VASES	27-6N-5E	150*	2583*	4.0	179	150*	2425*
		SPAR MTN							
303 SHAKESPEARE OIL	ICLA COOP	TAR SPRINGS	14,15-5N-5E	292*	21539*	9.8	1425	292*	15462*
		CYPRESS							
		BETHEL							
		BENOIST							
		AUK VASES							
* 322 TEKACO, INC.	ICLA COOP	BENOIST	14,15-5N-5E		1589	55			*
* 323 TEKACO, INC.	IOLA COOP	AUK VASES	14,15-5N-5E		3363	35			4414*
338 TEKACO, INC.	IOLA S. U.	AUK VASES	22-5N-5E	85	4066	1.5	122*	85	3718
376 TEKACO, INC.	FENOER, PRATHER, SPURLN	AUK VASES	2,11-5N-5E	304	3065	3.4	143	300	2820
		SPAR MTN							
IRVINGTON, WASHINGTON									
4026 E H & K OIL CO	KOELLING&STANTON	CYPRESS	23,24-1S-1W	200*	5087*	10.6	431*	200*	5037*
		BENOIST							
		DEVONIAN							
		TRÉNTON							
4019 FEAR AND OUNCAN	RAHN-BRINK	BENOIST	14,15,22-1S-1W	200*	5315*	7.0	340	200*	5315*
4020 FOUR SEASONS OIL	HOLSHER-MASCHOF-ERBES	CYPRESS	9,10-1S-1W	80*	1515*	2.8	112	80*	1515*
		BENOIST							
4039 K & B OIL PROP. MGMT&BROWN UNIT		CYPRESS	23-1S-1W	70	1292	3.5	260	70	1879
		BENOIST							
4002 MARK MAZZARINO	ARNING-KASTEN-REICHMN	CYPRESS	9-1S-1W	175*	3420*	6.8	278	175*	3420*
4018 FRED SEIP	TIEMAN & BUHL	BENOIST	23-1S-1W	400*	9740*	25.2	617	400*	9740*
4004 GEORGE THOMPSON	C.KOELLING	BENOIST	15-1S-1W	200*	3468*	11.1	349	200*	3028*
IRVINGTON & JEFFERSON									
2036 N. A. BALORIOGE	WACKER-MILLER	CYPRESS	30-1S-1E	50*	1400*	6.0	162*	50*	1430*
		BENOIST							
2037 MARK MAZZARINO	HAYES-PITCHFORD-BRESE	BENOIST	30,31-1S-1E	50*	990*	4.7	176*	50*	990*
2035 E. M. SELF	KOELLING-WACKER		31-1S-1E	40*	1720*	3.1	284*	40*	1720*
IUKA, MARION									
2613 TEKACO, INC.	IUKA	MCCLOSKEY	10,15-2N-4E	29*	119*	4.8	123	24	536*
JOHNSON N, CLARK									
* 204 F. A. BRIDGE OIL	BLOCK "A"	CASEY	2-9N-14W		5731*		247*		2713*
* 205 F. A. BRIDGE OIL	BLOCK "B"	CASEY	35,36-10N-14W		1118*		59*		338
207 NATIONWIDE ENERGY	N JOHNSON	CLAYPOOL	10,11,15-9N-14W	300*	21674*	14.3	1170	300*	16718*
		CASEY							
		PARTLOW							
* 211 E. A. OLOFIELD	V. JONES	CASEY	1,3-9N-14W		75		1		2
203 TALBOTT & SONS	N JOHNSON WF	CASEY	2-9N-14W	140*	5350*	2.0	949	1*	2602*
* 208 TIDEWATER OIL CO	CLARK COUNTY 1	CASEY	2-9N-14W		2418		160		1572
JOHNSON S, CLARK									
* 212 ACME CASING	M E LARRISON	U PARTLOW	22,27-9N-14W		4424*		163*		3585*
* 213 ACME CASING	WEAVER-BENNETT	U PARTLOW	27-9N-14W		11359*		528*		9879*
209 TALBOTT & SONS	SOUTH JOHNSON (F-12)	U PARTLOW	27,34,35-9N-14W	730*	74614	38.3	1775		
* 210 FRANCIS ZAKOWSKI	JOHNSON EXT 1, 2	CLAYPOOL	22,23,26,27-9N-14W		26084*		830*		19762*
		CASEY							
		PARTLOW							
JOHNSONVILLE C, WAYNE									
4195 N. A. BALORIOGE	TALBERT UNIT	AUK VASES	32-1N-6E	*	1522*	*	108	*	568*
4182 BUFAV OIL CO.	PEARL DICKEY	AUK VASES	20-1S-6E	2	17	1.2	13	2*	17*
4167 FARRAR OIL CO.	E. JOHNSONVILLE UNIT	AUK VASES	25,36-1N-6E, 1-1S-6E	92*	11923*	7.9	1176	48*	6690*
		MCCLOSKEY							
4163 CHRIS PEARSON	LANE-WEAVER	OHARA	9-1S-6E	70*	2719*	3.3	261	70*	2517*
*4049 TEKACO, INC.	TALBERT	AUK VASES	17-1S-6E		700*		125**		700*
4072 TEKACO, INC.	JOHNSONVILLE SU	AUK VASES	9-1S-6E	417	9636	6.7	477	417	7979
		MCCLOSKEY							



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER						
*****										*****										
FIELD, COUNTY											NO. OF			SOURCE		TYPE				
PROJ.	DEPTH	* NET	* POR		(MD)*GRAY	* DATE	* DATE				* ACRES	* SD=SAND			(F)=FRESH					
NO.	(FT)	* PAT	* (X)		* (API)	* FIRST	* ABD.				* UMDR	* GR=GRAVEL			(B)=BRINE					
		(FT)				INJ.					INJ.	PROD=PRODUCED (M)=MIXED					REMARKS			
												SH=SHALLOW								
*****																				
INMAN W C, GALLATIN																				
CONTINUED																				
*1415	2122	10.0			36.0	04-56	12-70	4	4	69	SH SD, PRDD (M)									
1427	1666	8.0				06-60		1	4	60	SH SD, PROD (M)							*ESTIMATED		
*1401	1726	8.0	15.0	72	36.9	10-57	01-74	1	1	180	PRODUCED (B)							*INACTIVE 1972-73		
1453	2490	8.0				05-52		1	4	40	PRODUCED (B)							*INCL EST.SWS 52-73		
	2780	18.0								20										
1425	2150	15.0			36.0	09-66		11	7	200	GRAVEL BED (F)							*ESTIMATED +INCL ALL PATS		
	2290	10.0			37.0			9	6	160										
	2475	15.0			37.0			14	13	300										
1449	2600	15.0				08-73		5	7	140	PRODUCED(B)							*ESTIMATED		
1451	2810	22.0				01-68		2	1	30	PRODUCED (B)							*ESTIMATED		
1400	2740	20.0				07-58		1	5	260	UNKNOWN							*EST; TEMP. ABD. 1961-1973		
*1458	2190	8.0				6-57	6-63	+	1	10	+							*EST.+ADJ.TO 1402&1403 1957-63		
	2500	18.0						+	1	10										
*1423	2336	12.0				01-62	1-75	1	2	30	TAR SPRINGS (B)							*ESTIMATED		
	2510	15.0						1	2	30										
*****																				
IDLA C, CLAY, EFFINGHAM, FATEETTE																				
378	2350	12.0				06-65		1	5	60	PRODUCED(B)							*ESTIMATED;WF EFFECT SINCE 1962		
1112	2290	40.4	17.3	50	37.5	02-68		3	6	102	PENN SD (B)									
	2350	19.6	16.5	15																
	2440	6.0	16.0																	
1211						11-82		1	13	400	*							*INCOMPLETE DATA		
* 357	2800	10.0			35.4	01-58	07-66	1	3	60	PRODUCED (B)									
1113	2300	12.0				12-67		1	4	70	PRODUCED (B)							*ESTIMATED		
	2350	15.0						2	5	70										
1110	2280	25.0				10-67		10	14	470	PENN SD (B)									
	2350	16.0																		
	2424	5.0																		
1111	2280	25.0				12-67		7	10	268	PENN SD, PRDD (B)									
	2350	16.0																		
	2424	5.0																		
1119	2360					10-69		1	5	80	PRODUCED (B)							*ESTIMATED		
	2430							1	6	80										
303	1874	8.0			32.2	01-55		7	9	20	PENN SD, PRDD (B)									
	2125	10.5	20.0	100						40										
	2250	17.3	16.0	40						120										
	2280	20.0	16.0	40						260										
	2330	20.0	14.7	80				15	18	280										
* 322	2290	9.5	15.7	80	36.0	06-58	01-68	1	2	110	PRODUCED (B)							*INCL WITH 323		
* 323	2350	13.3	15.7	80	36.0	06-58	01-68	1	1	190	PRODUCED (B)							*INCL 322		
338	2340	8.5	15.1	65	36.0	09-62		1	2	220	PENN SD, PRDD (B)							*INCL PRIM PRDD SINCE 1962		
376	2350	20.0				04-71		4	4	195	PENN SD, PRDD (B)									
	2420	8.0																		
*****																				
IRVINGTON, WASHINGTON																				
4026	1385	18.0				7-58		1	14	40	PRODUCED(B)							*EST; +INCL PRIM SINCE 1958		
	1550	12.0						1	7	80										
4019	1530	10.0				01-56		1	14	160	PRODUCED (B)							*ESTIMATED		
4020	1420	16.0				02-56		1	7	80	PRODUCED (B)							*ESTIMATED		
	1520	10.0						1	6	60										
4009	1425	15.0	20.0	300	37.4	09-64		3	4	30	PRODUCED (B)									
	1540	12.0	18.0	65																
4002	1400	20.0			35.0	11-57		4	15	150	PRODUCED (B)							*ESTIMATED		
4018	1530	10.0				01-56		2	12	140	PRODUCED (B)							*ESTIMATED		
4004	1531	10.8	19.0	278	37.2	02-59		2	9	200	PRODUCED(B)							*ESTIMATED		
*****																				
IRVINGTON E, JEFFERSON																				
2036	1760	13.0				8-65		1	5	70	PRODUCED(B)							*EST.+INCL PRIM SINCE 1966		
	1952	10.0						1	1	20										
2037	1970	7.0				6-60		1	7	60	PRODUCED(B)							*EST.+INCL PRIM SINCE 1960		
2035						6-58		1	7	80	PRODUCED(B)							*EST.+INCL.PRIM.SINCE 1958		
*****																				
IUKA, MARION																				
2613	2750	10.0			39.0	08-60		1	3	270	CYPRESS, PRDD. (B)							*ADJ.		
*****																				
JOHNSON N, CLARK																				
* 204	450	20.0	20.8	399	33.9	04-49	01-63	27	13	125	SH SD, PRDD (M)							*NO DATA 1958-1963		
* 205	480	2.0	18.3	66	33.0	05-51	12-63	18	12	60	SH SD, PRDD (M)							*NO DATA FROM 5-57 TO ABD		
207	460	19.0	19.0	330		03-55		51	71	223	GRAY, PRDD (M)	71						*ESTIMATED		
	530	14.0																		
	595	24.0																		
* 211	440	19.0	19.8	252	35.4	09-51	02-54	3	2	15	SH SAND (F)									
203	475	20.0	20.0	231	32.2	11-53		3	9	40	GRAY, PRDD (M)									
* 208	425	26.1	20.6	415	33.9	02-50	12-59	19	20	61	SH SD, PRDD (M)									
*****																				
JOHNSON S, CLARK																				
* 212	507	33.0	13.0	277		03-55	12-70	2	2	80	GRAY, PRDD (M)							*ND DATA 1968-70		
* 213	467	35.0	19.0	285		03-55	12-70	6	7	280	GRAY, PRDD (M)							*NO DATA 1968-70		
209	490	48.0	16.3	319	30.5	03-49		10	21	400	GRAY, PRDD (M)							*EST.1982		
* 210	420	15.0	21.0	294		03-55	1-78	30	33	479	GRAY, PRDD (M)							*ESTIMATED		
	465	20.0																		
	500	30.0																		
*****																				
JOHNSONVILLE C, WAYNE																				
4195	3120	13.0	20.7	230	37.0	01-65		5	5	110	PENN SD, PRDD (B)							*ND PRDD.REPORTED 1982		
4182	3054	12.0			41.0	11-78		1	4	120	CYPRESS SD, PRDD (B)							*ESTIMATED		
4167	3070	17.0	19.0	90	39.2	08-62		6	6	630	CYPRESS, PRDD (B)							*ESTIMATED SINCE 1977		
	3200	10.0	14.0	100																
4163	3124	6.0	14.2	2454	38.6	06-62		1	5	120	PRODUCED (B)							*ESTIMATED SINCE 1974		
*4049	3035	12.0				5-54	12-68	1	2	40	PRODUCED(B)							*EST.+INCL PRIM.54-68		
4072	3000	8.0	18.6	98	37.0	07-69		6	6	320	PRODUCED (B)									
	3100	6.0	12.0	777	37.0															



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	OIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION			
* = ABO				TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = P.M.				* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82			
*****									
JOHNSONVILLE C, WAYNE CONTINUED									
4089 TEXACO, INC.	SIMS UNIT	AUX VASES	21,22,27,28,32,33,34- 15-6E	950* 252*	19565* 16375*	59.1* 117.8	2883* 4963	1067* 5243	23910* 60095
4121 TEXACO, INC.	JOHNSONVILLE U	AUX VASES	21,26,27,28,33,34, 35-1N-6E; 3,4-1S-6E	5241	77237				
*4122 TEXACO, INC.	JOHNSONVILLE U.	MCCLOSKEY	3,4-1S-6E, 21,26,27, 28,33,34,35-1N-6E		58250		4289		34484
*4134 UNION OIL CALIF.	CRISP UNIT	AUX VASES	7,8,17,18-1S-6E		3732		1192*		4466
JOHNSONVILLE S, WAYNE *4172 ASHLANO O AND R	W GEFF UNIT	AUX VASES	11,14-1S-6E		3295		225		1161
JOHNSONVILLE W, WAYNE *4061 EGO OIL CO 4071 EGO OIL CO *4159 FARRAR OIL CO. *4161 KIRBY PETROLEUM	ORCHAROVILLE JOHNSONVILLE W WF W JOHNSONVILLE UNIT W JOHNSONVILLE	AUX VASES AUX VASES MCCLOSKEY AUX VASES	26-1N-5E 23,24-1N-5E 2-1S-5E, 35,36-1N-5E 14,23-1N-5E	344 2245 1958	513 3516 2245 1958	2.3	24 339 183 347	100	225 1533* 620 1000
JOHNSTON CITY E, WILLIAMSON 4501 B & J RESOURCES INC.	JOHNSTON CITY E U	CYPRESS AUX VASES	15,16-8S-3E	40*	2720*	0.8	421		
4503 C. E. BREHM	HUCK UNIT	AUX VASES	8-8S-3E	178	1446	8.7	347	125	400*
JOHNSTON CITY N E 4505 BUFAY OIL CO	MAOISON COAL LEASE	AUX VASES	3,4-8S-3E	3	53	1.6	162	3*	49*
JUNCTION, GALLATIN *1412 ESTELLE PRICE	JUNCTION UNIT	WALTERSBURG	16,17,20,21-9S-9E		2357*		303*		
JUNCTION E, GALLATIN 1441 E.E. MORRIS	CRANE U	WALTERSBURG	36-8S-9E, 1-9S-9E	70*	1225*	2.0	77	70*	1031*
JUNCTION N, GALLATIN *1445 T. L. CLARK	HISH LSE	PENNSYLVNIN	33-8S-9E		484*		29		57*
KEENSBURG S, WABASH 3867 ALVA C. DAVIS 3991 HERMAN LOEB *3915 VICKERY DRUG.	GARST-EPLER FEARHEILEY-THOM-UTLEY A P GARST	CYPRESS PENNSYLVNIN CYPRESS	34,35-2S-13W 10-3S-13W 27-2S-13W	75* 270*	2248* 5423* 297	3.9 13.4	231 396 27	75* 270*	1184* 3857* 60*
KEENVILLE, WAYNE *4125 N. A. BA ORIOGE *4126 WALTER OUNCAN	KEENVILLE UNIT KEENVILLE U	MCCLOSKEY	27,28,33,34-1S-5E 28,29-1S-5E		2137 1971		232 343		1570 660
KENNER, CLAY * 305 TEXACO, INC.	KENNER U	BENOIST AUX VASES	25,36-3N-5E, 30,31-3N-6E		4349 5363		374 117		1722 1270
* 353 TROOP ORILLING	CHASTEEN	BENOIST RENAULT AUX VASES	36-3N-5E		45		8		45
KENNER N, CLAY * 324 INO. FARM SUR.	THEOBALD	BENOIST	17-3N-6E		21		53		47*
KENNER W, CLAY 306 CARL BUSBY	W KENNER U	CYPRESS BENOIST AUX VASES	23-3N-5E	37	16568*	2.9	538*	37	4836*
KINCAID C, CHRISTIAN 106 JOE SIMPKINS OIL	KINCAID U	HIBBARO	2-4,9-11,14-16,22- 13N-3W; 34,35-14N-3W	3000+	20742	83.1	728	2600+	14214
KING, JEFFERSON *2016 N. A. BALORIOGE 2017 T. L. CLARK 2025 SHAKESPEARE OIL *2013 TEXACO, INC.	EBER-GOFF RANOLPH MACE UNIT BAKER-BUMPUS-SMITH	AUX VASES AUX VASES AUX VASES AUX VASES	22-3S-3E 27,34-3S-3E 33,34-3S-3E 33,34-3S-3E	20* 23*	81* 1417** 356 1911	1.2* 1.1	1 202* 147* 62	20* 23*	81 1421** 356 419
LANCASTER, LAWRENCE, WABASH 3954 HAYES-WOLFE BROS 3831 ROTHROCK AND THOMSON 2255 STONE OIL CO	LANCASTER UNIT SHARP WOOD HELENA	BETHEL BETHEL SPAR MTN	4,9-1N-13W; 33-2N-13W 4-1N-13W 16,21-2N-13W		5472* 826* 2037*	1.7 3.6	1249 145 552		1431* 252* 1177*
LANCASTER E, LAWRENCE, WABASH *3984 COY OIL CO	FRIENOSVILLE U	BIEML	25,36-2N-13W		232*		17*		51*
LANCASTER S, WABASH *3846 HOCKING OIL 3916 HERMAN LOEB	FRIENOSVILLE W UNIT LANCASTER SOUTH	BETHEL BETHEL	21,28-1N-13W 21-1N-13W	10*	545 720*	0.5	129 123	10*	545 363*
LAWRENCE, LAWRENCE, CRAWFORD 2257 ACME CASING 2215 ASHLANO O AND R 2242 BALDWIN, BALOWIN 2291 BALDWIN, BALOWIN	LEWIS BOLLES-WRIGHT UNIT O'DONNELL CUMMINS	CYPRESS BETHEL CYPRESS BRIEGEPORT CYPRESS CYPRESS BETHEL	24-3N-12W 7,8,17-4N-12W 17-3N-12W 6-3N-12W 36-3N-12W 2,11-4N-13W 5,6-2N-11W 26,35-3N-12W	175* * 180 150 75* 20* 50* 20*	2200* 1539 5168 7022 6949* 9727* 10135* 1993*	7.3* 1.9 6.0 6.6 13.2 1.0	180 75 475 443 365 865	175* * 150 95 75* 90*	2140* 325 9494 12198 3929* 8474*
2269 FRANCIS BEARD	JENNER	CYPRESS BETHEL	36-3N-12W						
*2200 CALVAN AMERICAN *2229 CALVAN AMERICAN 2236 CHARLES E. CARR	PIPER WALLER L GILLESPIE	CYPRESS CYPRESS BRIEGEPORT CYPRESS BETHEL	2,11-4N-13W 5,6-2N-11W 26,35-3N-12W	20* 50* 20*	9727* 10135* 1993*	1.0	865	90*	8474*
2241 CHARLES E. CARR 2244 CHARLES E. CARR 2245 CHARLES E. CARR	FYFFE BRIEGEPORT UNIT S GILLESPIE	CYPRESS CYPRESS CYPRESS BETHEL	6-3N-12W, 1-3N-13W 6-3N-12W 26-3N-12W	20* 40* 60*	6449* 7082* 3144*	0.6 1.1 1.7	468 1165 228	20* 40* 60*	2466* 5222* 1701*

RESERVOIR STATISTICS (AV. VALUE)						DEVELOPMENT AS OF 12-31-82				INJECTION WATER			
FIELD, COUNT										SOURCE	TYPE		
PROJ.	DEPTH	NET	POR	PERM	OIL	DATE	DATE	NO. OF	ACRES	SO=SAND	(F)=FRESH		
NO.	(FT)	PAT	(X)	(MO)	GRAV	FIRST	ABO.	WELLS	UNDR	GR=GRAVEL	(B)=BRINE		
		(FT)		(API)	INJ.			INJ.=PROD.	INJ.	PROD=PRODUCED	(M)=MIXED		
		(FT)								SH=SHALLOW			
REMARKS													

WATERFLOOD OPERATIONS 103

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)				
FIELD	COUNTY	PROJECT	PAT NAME	LOCATION	WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION	WATER PRODUCTION	WATER PRODUCTION
PROJECT NO.	OPERATOR	U = UNIT	S - T - R						
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.
* = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82	1982 * 12/82	1982 * 12/82
LAWRENCE, LAWRENCE, CRAWFORD									
CONTINUED									
2252	CHARLES E. CARR	BOWER-ROSS	CYPRESS	29-4N-12W	200*	4333*	8.4	305	200*
2253	CHARLES E. CARR	FTFFE "39"	CYPRESS	31-4N-12W	100*	2994*	4.1	433	100*
2258	CHARLES E. CARR	COOPER-DAVIS	CYPRESS	6,7-3N-12W	20*	2213*	0.4	167	20*
*2270	CHARLES E. CARR	GRAY FEE W F	CYPRESS	1-2N-12W		1554*	93*		
			BETHEL						
2276	CHARLES E. CARR	WITHERS-PELHAM-STATE	CYPRESS	36-3N-12W	10*	2639*	0.1*	283*	10*
			BETHEL						
2262	NOLAN E. OUNCAN	FTFFE U	CYPRESS	36-4N-13W	43	1631	1.4	96	43
*2205	WALTER OUNCAN	L.C. OAVIO	SAMPLE	8-3N-11W		56			
*2206	T. W. GEORGE EST.	KLONOIKE WF	BETHEL	25,26,35,36-5N-13W		9990		1098	
2261	FRANCIS GILLESPIE	BUCHANAN, BREEN, RIDGLY	BRIEOGEPORT	10,11-2N-12W	20*	820*	2.5	130	20*
			91EHL						
*2280	GULF OIL CO	H E GRIGGS	CTPRESS	1E-3N-12W		245		6	
			BENOIST						
2240	MICHAEL HUDDLESTON	VANDERMARK-ALBRECHT	BRIEOGEPORT	34-3N-12W	200*	5082*	3.5	453	200*
			CTPRESS						
*2224	ILLINOIS OIL CO.	FINLET U	CTPRESS	25-3N-12W		748		38	
			BETHEL						
2225	ILLINOIS OIL CO.	GEE-IRWIN U	CTPRESS	36-3N-12W	50*	819*	3.1	56	50*
			BETHEL						
2226	ILLINOIS OIL CO.	DINING HEIRS	MCCLOSKEY	36-3N-12W	50*	1372*	2.7	125	50*
			BETHEL						
2210	K W B OIL PROP.	MGMTNEAL	BRIEOGEPORT	29-4N-12W	316	10381	7.3	930	291
			JACKSON						
			CTPRESS						
			BETHEL						
2219	K W B OIL PROP.	MGMTROGERS	CTPRESS	14-3N-12W	88	2293	2.2	250	65
			BETHEL						
2254	K W B OIL PROP.	MGMTALRTMPLE	JACKSON	29-4N-12W	129	5927	3.4	536	152
			CTPRESS						
			BETHEL						
			BENOIST						
2235	K W B OIL PROP.	MGMTINKLE	BRIEOGEPORT	26-3N-12W	59	4216	2.8	518	112
			CTPRESS						
			BETHEL						
2211	LAWRENCE OIL CO.	STOLTZ	BRIEOGEPORT	32-4N-12W	70*	15239*	2.5	1090	70*
			CYPRESS						
2281	JENNT LEE OIL CO	CALVERT-MUSGRAVE	BRIEOGEPORT	3-3N-12W	*	7*	*	*	*
2273	HERMAN LOEB	LOEB AND MCPHERSON	CYPRESS	14,15,22-3N-12W	50*	3780*	2.1*	368*	50*
			BETHEL						
2275	HERMAN LOEB	BURNS, GRIGGS, ZELLARS	BRIEOGEPORT	8-3N-12W	250*	11690*	9.1	662	250*
			CTPRESS						
2227	O. LOEFFLER ESTATE.	MCCROSKEY MRS	CTPRESS	25-3N-12W	80*	1368*	3.0*	110*	80*
			BETHEL						
2277	O. LOEFFLER ESTATE.	BUNKER HILL U	BRIEOGEPORT	12-2N-12W	75*	4006*	2.1*	189*	75*
			BETHEL						
2208	MARATHON OIL CO.	CRUMP "40"	CYPRESS	19-4N-12W	*	2262	*	283	*
2209	MARATHON OIL CO.	CRUMP UNIT	CYPRESS	31-4N-12W	*	2367	*	173	*
2212	MARATHON OIL CO.	BOOE WF 7-BU	BUCHANAN	6,7,8-3N-12W	24	24	9.4	9	45
2213	MARATHON OIL CO.	17 PROJECTS*	JACKSON	T3,4N-R12,13W	6911	457805	318.0	53045	8025
			CYPRESS						
			BETHEL						
			BENOIST						
2214	MARATHON OIL CO.	9 PROJECTS*	BRIEOGEPORT	T 3,4N R 12,13W	5461	283899	279.3	23279	8181
2216	MARATHON OIL CO.	4 PROJECTS *	MCCLOSKEY	T 3,4N R 12,13W	871	69805	42.4	5232	605
2234	MARATHON OIL CO.	ST LOUIS WF 11-M	ST LOUIS	30-4N-12W	6	550	0.9	9	33
2247	MARATHON OIL CO.	HARONSBURG WF 37-M	HARONSBURG	27,34-3N-12W	27	3834	6.4	648	125
2279	MARATHON OIL CO.	RIOGLET 41-P	RIOGLEY	26,34,35-3N-12W	108	9655	26.5	1368	432
2294	MEPCO, INC.	GEE MRS	CTPRESS	19-3N-11W; 24-3N-12W	87	395	3.6	27	86
*2204	W. C. MCBRIOE	APPLGATE	JACKSON	7-4N-12W, 12-4N-13W		4468		228	
			CTPRESS						
			MCCLOSKEY						
*2249	W. C. MCBRIOE	HINKLE	MCCLOSKEY	26-3N-12W		175		24	
*2251	W. C. MCBRIOE	COMBS	CTPRESS	20-4N-12W		779		65	
			BETHEL						
2203	MISTY OIL CO	BRIEOGEPORT S U	BETHEL	19-3N-12W	*	2081*	*	179*	*
2207	NATIONWIDE ENERGY	GRAY AREA	JACKSON	13,14-4N-13W	30*	8282*	2.3	754	30*
			BETHEL						
			BENOIST						
2266	NATIONWIDE ENERGY	KIRKWOOD-MCPHERSON	CTPRESS	11,12,13,14-3N-12W	150*	3980*	11.7*	313*	150*
*2243	OILFIELD ORLG.	BELL UNIT	CYPRESS	1-3N-13W		2429*		172*	
2271	OAVIO PHILLIPS	BRUNSON-PAYNE-FAITH	CYPRESS	18,19-3N-11W	90*	935*	4.4*	57*	90*
2274	BERNARD PODOLSKY	GILLESPIE AND CALVERT	CYPRESS	15,22-3N-12W	*	1227*	0.6	193	1
2237	A. BRANOT POWELL	STOLTZ HEIRS	JACKSON	25-4N-13W	75*	2136	5.4 *	371	75*
			CTPRESS						
			BETHEL						
*2230	REE, INC.	SNTOR	CYPRESS	30-3N-11W		16		1	
*2222	HUBERT ROSE	LEIGHTT	CYPRESS	32-3N-11W		117*		2*	
*2217	SHAKESPEARE OIL	S 3*PORT U C MILLER C	BETHEL	20,29,30-3N-12W		4902		536	
2288	JOE SIMPKINS OIL	COLLINS SCHL	CTPRESS	6-2N-11W; 31-3N-11W;	60*	1900*	3.5*	133*	60*
			SAMPLE	1-2N-12W					
2202	WAYNE SMITH, OP.	C M PERKINS	BRIEOGEPORT	32-4N-12W	100	18030*	3.5	907	95
			CTPRESS						
2220	WATNE SMITH, OP.	BUCHANAN	CTPRESS	7-3N-12W	100	4181*	1.2	477	100
			BETHEL						
			BENOIST						
2221	WATNE SMITH, OP.	OSCAR LEIGHTT	CTPRESS	31-3N-11W	*	2020*	0.8	79	*
2233	WATNE SMITH, OP.	PEPPLE	CTPRESS	30-4N-12W	*	9826*	5.7	1005	*
			BETHEL						
2238	WATNE SMITH, OP.	L M SEEO	CTPRESS	21-3N-12W	*	3391*	*	15*	*
2256	WAYNE SMITH, OP.	BREEN	CYPRESS	24,25-4N-13W	*	2606*	*	178	*
			BETHEL						
2259	WATNE SMITH, OP.	WHITTAKER AREA	CYPRESS	2,10,11-3N-12W	90	12138*	3.2	1508	75
			BETHEL						



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)					DEVELOPMENT AS OF 12-31-82					INJECTION WATER				
FIELD, COUNTY					PERM	DIL	DATE	DATE	WELLS	ACRES	SOURCE	TYPE		
PROJ.	DEPTH	NET	PDR		(HO)	GRAV	FIRST	ABD.			50=SAND	(F)=FRESH		
ND.	(FT)	PAY	(%)		(API)	INJ.			INJ.	PRDD.	INJ.	PRDD=PRODUCED (M)=MIXED	REMARKS	
		(FT)									5H=SHALLOW			
LAWRENCE, LAWRENCE, CRAWFORD														
2252	1320	20.0	19.0	120			08-58		4	6	60	PENN SD, PRDD (B)	*ESTIMATED SINCE 1971	
2253	1420	20.0	20.0	80			12-56		3	4	40	PENN SD, PRDD (B)	*ESTIMATED	
2258	1620	15.0					06-63		3	5	90	PENN SD, PRDD (H)	*ESTIMATED	
*2270	1545	25.0			37.0		07-61	07-74	3	5	60	SH SD, PRDD (M)	*ESTIMATED	
	1670	10.0							3	5	60			
2276	1564	20.0	16.9	41	38.5		02-63		8	8	80	SH SD, PRDD (M)	*ESTIMATED SINCE 1970	
	1690	12.0	15.0	17					8	8	80			
2262	1650	25.0	18.0	130			12-60		1	2	80	PENN SD, PRDD (B)		
*2205	1600	6.0					08-56	09-58	1	1	20	RIVER GRAVEL (F)		
*2206	1625	18.0	17.2	80	37.8		06-52	12-60	44	36	750	SH SD, PRDD (M)	*ESTIMATED	
2261	980	14.0					6-63		5+	10+	150+	PENN. 3 PRDD (M)	*ESTIMATED; +INCL BOTH PAYS	
	1220	12.0					4-73							
*2280	1586	16.0	15.7	21	38.0		04-63	12-67	1	1	10	PRDDUCED (B)		
	1746	12.0	16.0	27					1	1	10			
2240	988	24.0	21.0	398	29.5		08-58		3	7	70	LAKE, PRDD (M)	*ESTIMATED	
	1648	15.0			39.8				1	3	40			
*2224	1600	12.0	17.0	50	36.0		01-67	01-72	3	3	80	SH WELL (F)		
	1700	8.0	15.0	35					1	3	40			
2225	1530	20.0	18.0	100	36.0		02-67		1	1	20	PRDDUCED (B)	*ESTIMATED SINCE 1972	
	1630	15.0	16.0	50					1	1	20			
	1780	10.0	15.0						1	1	20			
2226	1550	12.0	13.0	100			12-65		1	2	20	PRDDUCED (B)	*ESTIMATED SINCE 1972	
	1650	10.0	16.0	70					1	2	20			
2210	970	15.0	20.0	200			05-56		9	9	80	PENN SD, PRDD (B)		
	1330	6.0	18.0	40										
	1390	23.0	19.0	20										
	1470	18.0	17.0	20										
2219	1530	12.0	16.0	30			06-66		5	9	80	PENN SD, PRDD (B)		
	1620	10.0	15.0	20										
2254	1450	6.0	19.0	80			03-68		3	5	65	PENN SD, PRDD (B)	HOST OF THE WATERFLOOD EFFECT HAS BEEN IN JACKSON AND CYPRESS	
	1500	20.0	19.0	80			09-59							
	1575	10.0	16.0	35			09-59							
	1650	13.0	15.0	25			09-59							
2285	1000	10.0	18.0	100			11-63		6	9	80	PENN SD, PRDD (B)		
	1550	17.0	13.0	50										
	1660	12.0	15.0	20										
2211	860	25.0	22.3	15	37.0		01-55		10	3	25	GRAV, PRDD (H)	*ESTIMATED SINCE 1968	
	1400	18.5	17.3	18	37.0				4	8	25			
2281	1019	15.0					06-62		1	2	30	SH SD, GRAVEL (F)	*NO DATA SINCE 1965	
2273	1535	15.0	18.5	40	30.0		12-62		7	8	180	BUCHANAN, PRDD (B)	*ESTIMATED SINCE 1972	
	1650	10.0	18.0	15					6	5	120			
2275	850	20.0	21.0	131	30.9		11-56		4	6	50	BUCHANAN, PRDD (B)	*ESTIMATED SINCE 1969	
	1440	20.0							5	7	60			
2227	1600	15.0	13.0	75	36.0		01-66		1	2	10	PRDDUCED (B)	*ESTIMATED SINCE 1972	
	1725	10.0	15.0	50					1	2	10			
2277	975	10.0	19.0	350	35.0		02-64		1	2	40	SH SD (F)	*ESTIMATED SINCE 1972	
	1775	8.0	14.0	25	38.0				4	7	100			
2208	1280	25.0	20.0	90			04-56		4	4	40	PENN SD, PRDD (B)	*INCL WITH 2213 SINCE 1979	
2209	1420	22.0	20.0	80			12-56		5	4	40	PENN SD, PRDD (B)	*INCL WITH 2213 SINCE 1979	
2212							9-82		3	5			*DATA INCOMP	
2213	1375						01-52		506	642	2136+	PRDD, FRESH MSW (H)	*JUDY, WESTALL, KING, SUTTON, KIMMEL	
	1430	10.0									5600+		*80YD, MIDDAGH, NEWELL, MOORE, THORN	
	1530	10.0									2400+		*GOULD, SEED, GRAY, RYAN, LEIGHTY,	
	1600	3.0									300+		*JENNER, WISE-GRAY; INCL 2208, 2209	
2214	800	30.0			35.6		08-48		452	531	2096	GRAV, PRDD (M)	*RDBINS, JOHNSON, KLINGLER, CDDPER, BALTZELL, LEWIS, CLARK, FINLEY, GEE	
													*APPLGATE, WILLIAMS, GILLESPIE, VANDERHARK	
2216	1700	20.0		1500			11-56		31	66	1637	GRAV, PRDD (M)		
2234	1950	30.0					12-75		1	1	40	PRDDUCED (B)		
2247	1350	13.0					09-71		6	21	290	PRDD & FRESH (H)		
2279	1230	16.0	17.0	400			08-64		22	62	584	GRAV, PRDD (M)		
2294	1625	15.0					6-76		4	3	200	PRODUCED (B)	*EST. 1982	
*2204	1240	10.0	19.0	80	34.7		09-52	12-67	15	16	180	GRAV, PRDD (M)		
	1350	15.0	17.0	30					8	8	60			
	1635	3.0	23.0	40					10	10	40			
*2249	1775	15.0	20.0	175			08-59	01-66	1	4	40	PENN SD, PRDD (B)		
*2251	1450	20.0	18.0	50			03-59	02-71	1	1	60	PENN SD, PRDD (B)		
	1630	10.0	12.0	10					2	2	20			
2203	2000	18.0	17.5	45	37.0		09-70		4	10	110	PENN SD (B)	*NO PRDD REPORTED 1982	
2207	1412	8.0	13.5	9			05-53		10	10	200	BRIEGEPDRT, PRDD (B)	*ESTIMATED	
	1577	11.0	21.0	40					10	10	200			
	1622	16.0	18.5	46					8	7	150			
2266	1540	20.0					10-64		6	17	280	SH SD, PRDD (M)	*ESTIMATED	
*2243	1650	20.0	18.0	80	38.0		06-59	03-66	2	1	80	PENN SD, PRDD (B)	*1966 DATA ESTIMATED	
2271	1560	16.0					10-69		3	11	130	SH SD, PRDD (M)	*ESTIMATED	
2274	1590	14.0	13.5	40	30.0		11-62		4	7	100	BUCHANAN, PRDD (B)	*INJ. CURTAILED MARCH 1974	
2237	1460	6.0	20.0	85	38.0		07-58		4	3	60	PENN SD, PRDD (B)	*EST. 1982	
	1550	14.0												
	1680	20.0												
*2230	1580	25.0	21.2	125	38.6		10-52	01-55	1	2	10	TAR SPR, PRDD (B)		
*2222	1610	9.0			36.0		02-66	07-74	1	2	30	PENN SD, PRDD (B)	*EST. 1968-1971; INJ. SUSP. 1972	
*2217	1800	12.1	17.1	70	38.0		10-56	12-66	20	18	313	TAR SPRINGS (B)		
2288	1550	15.0					01-69		17	20	350	PENN SD, GRAV (M)	*ESTIMATED	
	1620	10.0							19	25	450			
2202	900	14.0	18.0	125	36.0		02-55		8	9	100	BUCHANAN SD, PRDD (B)	*EST. SINCE 1981	
	1350	20.0	18.0	100										
2220	1570	28.0	17.9	64	37.0		12-65		4	4	110	GRAVEL BED (F)	*EST. SINCE 1981	
	1670	9.0	15.9	37										
	1730	9.0	12.5	2										
2221	1650	15.0	16.5	50	39.0		01-66		7		60	RIVER GRAV, PRDD (M)	*INJ. SUSP. 1-78	
2233	1400	30.0	13.0	75	37.0		06-57		2	1	130	BUCHANAN SD, PRDD (B)	*INJ. DISC. 1976	
	1650	20.0	14.0	10	39.2						50			
2238	1630	22.0	74.0	18	33.0		03-67		3	1	20	SH SD (F)	*INACTIVE SINCE 74; +INJ SUSP 79	
2256	1530	20.0	16.0	47	37.0		05-60		2	1	70	BUCHANAN SD, PRDD (B)	*INACT. SINCE 76 + NO PRDD. 1982	
	1675	20.0	12.0	5	37.0									
2259	1520	20.0	18.0	35			11-60		11	18	650	RIVER, PRDD. (M)	*EST. SINCE 1981	
	1630	15.0												



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION				
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABO										
* = P.M.										
					* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.
					* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82
LAWRENCE, LAWRENCE, CRAWFORD										
CONTINUED										
2260 WAYNE SMITH, OP.	E J SEEO	JACKSON	15,16,22-3N-12W	25	2355*	4.0	217	17	1245*	
2265 WAYNE SMITH, OP.	PIPER-OROLL AREA	JACKSON	1,2,11,12-4N-13W	480	16258*	15.0	1846	460	9106*	
		CYPRESS	35,36-5N-13W							
2272 WAYNE SMITH, OP.	HAYWARD AREA	BETHEL								
		BENOIST	25,26-3N-12W	37	3118*	3.2	702	30	2355*	
		CYPRESS								
*2286 WAYNE SMITH, OP.	BUCHANAN AREA	BETHEL								
*2299 WAYNE SMITH, OP.	W.F. GOULD UNIT	BRIEGEPOR	2-2N-12W		190		1		2	
*2223 TEXACO, INC.	LAWRENCEVILLE FEE	CYPRESS	31-3N-12W		1930		5		1539	
2239 ZANETIS OIL PROP	WAYNE HEIRS	CYPRESS	7,18-3N-11W		524		13		134	
		AUX VASES	28-3N-11W	8*	396	0.8	53	8*	396	
		HCCLOSKEY								
*2264 ZANETIS OIL PROP	CASSIL	CYPRESS	36-4N-13W		62		57		197	
2282 ZANETIS OIL PROP	CARLSON	BUCHANAN	15-3N-12W	329*	5153	2.5	391	329*	5153	
		CYPRESS								
		BETHEL								
		HCCLOSKEY								
*2283 ZANETIS OIL PROP	HUJSDN WF	CYPRESS	18-3N-11W		718*		47*		718*	
2292 ZANETIS OIL PROP	W.H.&G. GILLESPIE	BUCHANAN	15-3N-12W	230+	2725	5.1	436*	230+	2250	
		CYPRESS								
LAWRENCE W, LAWRENCE										
*2250 ACME CASING	S SUMNER UNIT	BETHEL	14,23,24-3N-13W		1121		186		285	
2235 N. A. BALORIOGE	LAWRENCE WEST	BETHE	23,24,25-3N-13W	40*	455*	2.0	31	40*	475*	
LEXINGTON, WABASH										
3858 PETRON, INC.	LEXINGTON U	HCCLOSKEY	26-1S-14W	*	2743*	*	69	*	911*	
LILLYVILLE, CUMBERLAND, EFFINGHAM										
704 GALLAGHER ORILLING	KROGMAN	HCCLOSKEY	31-9N-7E	140	2904*	5.1	319*	140	1161*	
LIVINGSTON, MADISON										
*2500 WILLIAM H. KROHN	KROGER	PENN	17-6N-6W		67		3			
*3501 M. W. MCCONNELL	C. AND O. HENKE UNIT	PENN	17,20-6N-6W		134		25			
*2502 CHARLES P. WOOD	KRDEGER	PENN	17-6N-6W		37*		3*			
LIVINGSTON S, MADISON										
2509 HOWARD CLEFF	BEST-KERIN-LEITCH	PENN	27,34-6N-6W	130*	1345*	5.8*	103*	100*	1195*	
2507 FAIRFIELD OIL CO	BLOM-FOWLER-RUEHRUPPU	PENN	27-6N-6W	10	739*	3.8	125	1	31*	
2508 R. L. GROSSMAN	QUAOE-REPOUSCH	BETHEL	19,22-6N-6W	50*	915*	2.3	56	50*	835*	
LOCUST GROVE, WAYNE										
*4085 ZANETIS OIL PROP	OAUBS B	AUX VASES	31-1N-9E		399*		25*		150*	
LOUOEN, EFFINGHAM, FAYETTE										
1252 N. A. BALDRIDGE	LOUDEN **	CYPRESS	17,8N-R3,4E	200+	2872+	59.4	462	200+	3200+	
1230 BARGER ENG	SINCLAIR	BETHEL		140	5651*	12.6	797	140	5589*	
		CYPRESS	29-8N-3E							
1243 BARGER ENG	WELKER	BETHEL								
*1201 W. L. BELOEN	HINTON U	CYPRESS	31-7N-3E	55*	1972	5.3	672	55*	4707	
1202 W. L. BELOEN	UNIT 25	CYPRESS	32-7N-3E		100		11			
1209 W. L. BELOEN	B. F. OWENS	CYPRESS	24,25-8N-3E	45	7325	4.1	609*	45*	6923*	
1213 W. L. BELOEN	E.C. SMITH	CYPRESS	9-7N-3E	+	757*	4.3	251	70*	1560*	
1226 W. L. BELOEN	SATHER	CYPRESS	20-7N-3E	121	2198	4.0	873	121*	3126*	
1108 BI-PETRO, INC.	LOUOEN EXTENSION	CYPRESS	16,17-7N-3E	109	2238	11.3	467	109*	1672*	
1200 BI-PETRO, INC.	RHOODES, MCCLOY	CYPRESS	19-8N-4E	*	891**	1.7	142		481*	
		CYPRESS	26,27,34-8N-3E	+	1959**	1.6	102	20*	1811*	
		BETHEL								
1218 BI-PETRO, INC.	N. LOUDEN U	CYPRESS	20,21-7N-3E	+	19118**	2.5	1633	100*	14821*	
1219 BI-PETRO, INC.	S. LOUDEN U	CYPRESS	21,28,29-7N-3E	+	15985**	3.1	2197	100*	13523*	
1220 BI-PETRO, INC.	OURBIN, FORCE AREA	CYPRESS	24,26-8N-3E	#	2297**	1.6	339*	30*	1114**	
1221 BI-PETRO, INC.	HIATT	CYPRESS	29-7N-3E	*	3224*	1.4	497	*	3113*	
1203 O. L. BURTSCHI EST.	D.L.BURTSCHI LNO TR#1	CYPRESS	18-7N-3E	18	1367	3.2	241	37	985	
		BETHEL	051							
1207 REVIS O. CALVERT	HOHAN	CYPRESS	29,31,32-7N-3E	+	16335*	0.5*	1966*	20*	12069*	
*1215 REVIS O. CALVERT	KOBERLIEN	CYPRESS	30-7N-3E		2736*		515		1870*	
1233 REVIS O. CALVERT	SAPP	CYPRESS	18-7N-3E	5*	1936*	0.4*	162*	5*	738*	
1255 DORAN OIL PROP.	J.W. ARNOLD	CYPRESS	19-7N-3E	60*	1975*	2.8	126*	60*	1975*	
1204 EXXON	LOUOEN	CYPRESS	T 7,8,9N-R 2,3,4E	4893	106272	1218.2	138355	39728	732507	
		BETHEL								
		BENOIST								
		AUX VASES								
1216 FRY OIL CO	RHOODES-WATSON	CYPRESS	27,33,34-8N-3E	150+	7635+	4.0+	1133**	150+	5797*	
		BETHEL								
1206 GENERAL AMERICAN	OEVCRE COOP	CYPRESS	1-7N-2E	150	3256	2.8	406	150	3171	
1254 TOM GRACE	BAIL-LONG	CYPRESS	15-7N-3E	25*	890*	0.9	47*	25*	890*	
1205 L. B. HOSS TRUST	STEWART AND OIAL	CYPRESS	6-7N-3E	20*	1155*	0.8	126	20*	499*	
1225 L. B. HOSS TRUST	EMERSON	CYPRESS	31-8N-3E	10*	154*	0.4	13	10*	235*	
1235 L. B. HOSS TRUST	H. LOGUE	CYPRESS	18-7N-3E	15*	900*	0.7	43	15*	573*	
		BETHEL								
1241 L. B. HOSS TRUST	ARNDLO-MORSN-SEALDCK	CYPRESS	19-7N-3E	300*	6519*	16.8	835	300*	6362*	
1242 L. B. HOSS TRUST	LAURA LOGUE	CYPRESS	18-7N-3E	25*	456*	0.8	73	25*	456*	
1248 L. B. HOSS TRUST	RHOODES	CYPRESS	18-7N-3E	75*	1536*	2.5	410	75*	1642*	
*1249 L. B. HOSS TRUST	BUZZARO	CYPRESS	3-7N-3E				199		1850	
1210 R. L. HOSS	YOLTON	CYPRESS	12-7N-2E; 7-7N-3E	140**	5611**	5.8*	845*	140**	4304**	
		BETHEL								
1228 R. L. HOSS	SMITH	CYPRESS	13-7N-2E	40*	2381*	1.4*	231*	40*	1846*	
1232 HUGHES PROO.	HOPPER-TOWNSENO-MCLRY	CYPRESS	12-7N-2E	157	3717	6.5	707	266	4794	
*+1223 HUMBLE O AND R	LOUOEN DEVONIAN*	GENEVA	2,10,11,15,20,21,22,27,28,29,32,33-8N-3E		207361		19241		184970	
*1208 JARVIS BROS.	TAKEY	CYPRESS	6-7N-3E		2832		236		1923	
		BETHEL								
*1234 KING#ODO OIL CO.	WELKER	CYPRESS	13-7N-2E		115		2		23	
1214 KOONS & FRANK EXPL	HOMAN	CYPRESS	29-7N-3E	55*	5046*	2.5	603	65*	5197*	

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNT										NO. OF				SOURCE				
										WELLS				TYPE				
PROJ.	DEPTH	NET	POR	PERM	DIL	OATE	DATE	WELLS	ACRES	SD=SAND	(F)=FRESH	UNDER	GR=GRAVEL	(B)=BRINE	PRDD=PRODUCED	(M)=MIXED	SH=SHALLOW	
NO.	(FT)	PAY	(%)	(MD)	GRAV	FIRST	ABD.											
		(FT)			(API)	INJ.		INJ.	PRDD.	INJ.								
LAWRENCE, LAWRENCE, CRAWFORD																		
CONTINUED																		
2260	1500	5.0				02-61		4	6	40	SH SD (F)				*EST. SINCE 1981			
	1590	16.0																
2265	1310	12.0	13.0	30	38.0	12-61		23	23	500	RIVER, PRDD (M)				*EST SINCE 1981			
	1400	13.0	18.0	35	38.0													
	1525	6.0																
	1585	5.0																
2272	1575	25.0	16.0	20	39.5	12-63		6	16	120	BRIEGEPDRT, PRDD (B)				*EST. SINCE 1981			
	1650	14.0																
*2285	950	40.0	19.0	100	31.0	07-63	02-66	2	2	40	SH SD (F)							
*2289	1590	20.0	19.0	75	30.0	09-65	06-70	8	8	180	PENN SD, PRDD (B)							
*2223	1560	10.0	17.0	20	37.0	02-70	06-73	4	6	160	PROD, SUPPLT (M)							
2239	1838	8.0	20.0	2	38.5	03-65		1	4	50	PROOUCEO (B)				*EST. 1982			
	1919	5.0	15.0	23														
*2264	1640	19.0			38.6	09-62	12-66	1	3	40	SH SD, PRDD (M)							
2282	1300	15.0				04-71		6	9	80	PRODUCED(B)				*EST 1982			
	1516	31.0	16.0	14	36.7	07-64												
	1622	22.0																
	1770	5.0	15.0	2														
*2283	1597	18.0	20.8	121	36.1	05-64	1-77	3	5	40	PRODUCED (B)				*ESTIMATED 1975-76			
2292	1290	20.0				12-72		7	7	80	PRODUCED(B)				*INCL. PRIM. SINCE 65; *EST 1982			
	1580	25.0																
LAWRENCE W, LAWRENCE																		
*2250	2040	10.0	17.2	36	35.0	12-59	01-66	8	9	297	SH SD, PRDD (B)							
2235	2050	18.0				1-75		4	10	150	PRODUCED (BETHEL)				*ESTIMATED			
LEXINGTON, WABASH																		
3358	2850	9.0	14.0	600	39.0	05-63		3	6	200	SH SO (F)				*DATA N/A 1982			
LILLITVILLE, CUMBERLAND, EFFINGHAM																		
704	2450	8.0			35.0	05-57		2	2	160	PRDD (B)							
LIVINGSTON, MADISON																		
*2500	520	15.0			33.5	07-54	12-57	2	5	80	BENDIST, A.V. SDS (B)							
*2501	525	22.0	16.0		36.0	05-52	12-70	10	10	80	SALEM, PRDD (B)							
*2502	520	20.0			37.0	05-59	08-68	1	3	160	AUX VASES (B)				*NO DATA SINCE 1962			
LIVINGSTON S, MADISON																		
2509	575	15.0				04-72		1	6	70	PRODUCED (B)				*ESTIMATED			
2507	545	35.0	22.8	1421	35.0	10-63		1	10	210	SH SD (F)				*EST. SINCE 1981			
2508	2700	5.0	11.0			6-71		2	9	90	PRODUCED(B)				*ESTIMATED			
LOCUST GROVE, WAYNE																		
*4085	3180	10.0			39.3	08-66	1-77	1	2	20	CYPRESS (B)				*ESTIMATED 1975-76			
LOUDEN, EFFINGHAM, FATEETTE																		
1252						02-72		*	*	*					*INCL WITH EXXON TOTALS *EST			
								*	*	*					** PURCH FROM EXXON 2-72			
1230	1446	25.0				08-60		5	5	80	PRODUCED (B)				*EST. 1982			
	1528	25.0																
1243	1530	40.0				11-56		2	4	80	TAR SPR, PRDD (B)				*EST. 1982			
*1201	1584	20.0	17.4	126	34.0	09-56	01-63	1	1	20	PRODUCED (B)							
1202	1530	15.0			34.0	10-57		7	11	240	TAR SPR, PRDD (B)				*INCL PRIM PRDD; *ESTIMATED			
1209	1450	27.0			38.0	09-54		1	3	40	TAR SPR, PRDD (B)				*EST.; *INJ. SUSP. 1-1-69			
1213	1400	20.0	21.0	150	38.0	07-57		4	6	100	TAR SPR, PRDD (B)				*ESTIMATED			
1226	1480	30.0				09-68		2	9	200	TAR SPR, PRDD (B)				*ESTIMATED			
1108	1550	8.0			36.7	01-63			17	200	TAR SPR, PRDD (B)				*INJ. DISC. 78; *EST. 75 THRO 79			
1200	1515	12.0			37.5	01-54		8	1	120	PRODUCED (B)				*EST. SINCE 75; *INJ. DISC. 1976			
	1570	12.0						4	4	80								
	1590	10.0						6	6	120								
1218	1550	21.0	21.0	130	37.5	11-56		5	5	250	TAR SPR, PRDD (B)				*EST. SINCE 73; *INJ. DISC. 78			
1219	1550	18.4	20.4	164	37.5	03-55		5	5	350	PRODUCED (B)				*EST. SINCE 1975; *INJ. DISC 78			
1220	1493	30.0			37.5	10-56		2	2	160	PRODUCED (B)				*INCL PRIM; *EST; *DISC INJ 1978			
1221	1536	40.0	19.0	250	37.2	09-56			2	40	PRODUCED (B)				*INJ. DISC. 1980			
1203	1475	30.0				08-56		1	2	20	PURCHASED (B)							
									2									
1207	1562	37.0	18.0	200		03-54		2	3	320	PRODUCED (B)				*EST. SINCE 1971; *INJ. SUSP. 1971			
*1215	1590	30.0				05-57	01-79	4	6	80	TAR SPR, PRDD (B)				*INACTIVE SINCE 77			
1233	1400	30.0	19.0	95		11-62		4	2	40	TAR SPR, PRDD (B)				*ESTIMATED SINCE 1973			
1255	1490	25.0				01-66		1	6	80	PRODUCED(B)				*ESTIMATED; *INCL. PRIM. SINCE 66			
1204	1500	18.5	12.5	102	38.0	10-50		550*	733*	14480*	TAR SPR, PRDD (B)				*INCL. #1252			
	1580	11.6	18.3	85						7770								
	1620	15.4	19.1	109						5890								
	1660	14.1								541								
1216	1500	12.0	18.6	91	37.5	06-57		12	5	120	TAR SPR, PRDD (B)				*INCL PRIM PRDD SINCE 6-57 *EST			
	1560	11.0						2	4	60								
	1610	27.5						3	2	50								
1205	1454	10.0	18.0	43	37.0	07-57		1	6	80	PRODUCED (B)				*EST 1982			
1254	1560	7.0				8-75		1	3	70	PRODUCED(B)				*EST.; *INCL PRIM PRDD SINCE 1967			
1205	1522	20.0	19.0	90	38.0	07-57		3	3	40	TAR SPR, PRDD (B)				*ESTIMATED SINCE 1970			
1225	1500	12.0	19.0		37.0	01-59		1	1	10	PRODUCED (B)				*ESTIMATED			
1235	1475	26.0	19.0		37.0	11-61		1	1	20	PURCHASED (B)				*ESTIMATED			
	1580	15.0	19.0					1	1	20								
1241	1490	68.0	20.0		38.0	11-58		1	9	140	PURCHASED (B)				*ESTIMATED			
1242	1550	15.0			35.0	08-63		2	2	40	PRODUCED (B)				*ESTIMATED SINCE 1970			
1243	1530	20.0	19.0		38.0	01-65		1	4	40	TAR SPR, PRDD (B)				*ESTIMATED			
*1249	1550	30.0	19.0	150	38.0	06-60	12-69	1	3	40	TAR SPR, PRDD (B)							
1210	1504	30.0				08-57		4	4	40	TAR SPR, PRDD (B)				*INCL 90TH PAYS; *EST. SINCE 71			
	1540	29.0				07-57		2	2	40								
1223	1504	25.0				01-58		2	3	40	TAR SPR, PRDD (B)				*ESTIMATED SINCE 1971			
1232	1505	25.0			36.0	08-57		4	6	100	TAR SPR, PRDD (B)							
*1223	3100	18.0	14.4	41	29.0	09-43	12-66*	7	42	2600	PRODUCED (B)				*CONVERTED TO GAS STORAGE			
											RESERVOIR							
*1208	1400	18.0				11-57	12-69	3	4	70	TAR SPR, PRDD (B)							
	1540	27.0						2	5	70								
*1234	1558	11.0				05-62	12-69	1	1	10	TAR SPR, PRDD (B)							
1214	1595	28.0			36.0	08-55		2	5	80	TAR SPR, PRDD (B)				*EST 1981			

Table 11. continued

GENERAL INFORMATION				* PRODUCTION AND INJECTION STATISTICS (M 8BLS) *					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	OIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION			
* = ABO				TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = P.M.				1982 * 12/82	1982 * 12/82	1982 * 12/82			
LOUOEN, EFFINGHAM, FAYETTE									
CONTINUED									
1247 KOONS & FRANK EXPL	KIMBRELL-GOOO	CYPRESS	19-7N-3E	250*	5684*	12.0			
1236 M-S-C- CORP	O.L. BURTSCHI	CYPRESS	18-7N-3E	130*	2978*	6.3			
		BETHEL				659			
1237 M-S-C- CORP	SEFTON	CYPRESS	1,12-7N-2E	100*	1974*	332			
1224 MOBIL OIL CORP.	LOUOEN	CYPRESS	5-7N-3E, 32-8N-3E	2157	43238	5418*			
		BETHEL				3392			
		BENOIST				39912			
1227 MOBIL OIL CORP.	BUZZARD BROS.	CYPRESS	29-8N-3E	116	3146	261*			
		BETHEL				139			
1217 OGOCO, INC.	STOKES-WEILER	CYPRESS	14-8N-3E	62	3052*	431*			
*1212 SHULMAN BROTHERS	LOUOEN EXTENSION	CYPRESS	34,35,36-8N-3E, 2,3-7N-3E		35840	3208*			
						62			
1229 TEXACO, INC.	LOUOEN SOUTH UNIT	CYPRESS	6,7-6N-3E,31-7N-3E	1354	37081	2461*			
1244 TEXACO, INC.	LILLY	CYPRESS	16-8N-3E	218	5116	1188			
		BETHEL				293			
		BENOIST				4914			
*1231 TROOP ORILLING	W A EAGLETON	CYPRESS	20-8N-3E		41	62			
						100*			
LOUISVILLE N, CLAY									
* 373 MCKINNEY, FUNDERB	WOLF-PORTER	SPAR MTN	9,10-4N-6E		25	2			
						20			
MCKINLEY, WASHINGTON									
*4011 JET OIL CO.	FREIMAN-MUNLETH	BENOIST	29-3S-4W		151	1			
						152			
MAIN C, CRAWFORD, LAWRENCE, JASPER									
* 667 H. J. AOAMS	H.J. AOAMS W F	ROBINSON	28-8N-12W		1058				
* 602 ASHLAND O AND R	BIROS 1	ROBINSON	9,10,15,16-5N-11W		19507	536			
* 603 ASHLAND O AND R	BIROS 2	ROBINSON	20-5N-11W		2512	114			
604 BELL BROTHERS	BARRICK	ROBINSON	13-7N-13W		1975*	153			
652 BLACK&BLACK	YORK #3	ROBINSON	8-7N-12W	10*	31	3.9			
688 PMIL BRURTER	DBLONG	ROBINSON	9-7N-13W	100*	1542*	112			
* 599 CALIENTE OIL CO	GEORGE L. WALTERS	ROBINSON	2-6N-13W		1632*	32*			
* 589 CLARENCE CATT	SPARKS WF NO. 1-M	BETHEL	13-6N-12W		258	11			
598 CLARENCE CATT	HUOSON WF	BETHEL	6-5N-12W		837*	30			
* 616 CLARENCE CATT	MC CALL	ROBINSON	1-5N-13W		6	*			
643 CLARENCE CATT	EAGLETON UNIT	SAMPLE	1-5N-13W	240*	4478*	129			
		BETHEL				240*			
590 JOHN M. CHIVETTA	QUICK HRS HARTLEROAD	ROBINSON	29-7N-12W	20	428*	0.5			
646 CITATION OIL CO	CONOVER	ROBINSON	19-7N-12W	*	811*	0.1			
* 695 JACK COLE	MULLINS	ROBINSON	9-5N-12W		15	8			
* 609 E. CONSTANTIN	J.S. KIRK	ROBINSON	29,30,31,32-7N-12W		977*	57*			
* 610 E. CONSTANTIN	SMITH	ROBINSON	7-7N-12W, 12-7N-13W		337	1			
* 607 CREST ASSOCIATES	MITCHELL	ROBINSON	24,25-7N-13W		935*	107*			
* 615 CREST ASSOCIATES	PORTERVILLE	ROBINSON	25,36-8N-13W		1345	44			
* 619 ENERGY RESOURCES	ALEXANDER-REYNOLO*	ROBINSON	19,20-7N-12W		8450*	602*			
* 612 D. W. FRANCHOT	BIROS	ROBINSON	14,15,16,21,22-5N-11W		53049	1529			
631 HAROLD FUNCANNON	BIROS AREA	ROBINSON	16,20,21,23,29-5N-11W	900	36956	12.6			
647 GALLAGHER ORILLING	OBLONG BENOIST	BETHEL	19,20,29,30-7N-13W	*	1171	386			
* 614 GEN. OPERATIONS	LITTLEJOHN	ROBINSON	20-6N-12W		639	34			
594 GETTY OIL CO	A.W. MANN	ROBINSON	5,6-5N-12W,32-6N-12W	221	13310	4.4			
		BETHEL				507			
596 GETTY OIL CO	STIFLE-MCKNIGHT	ROBINSON	7,18-7N-13W	128	4742	8.2			
597 GETTY OIL CO	ALLEN-AMES	BETHEL	29-7N-13W	160*	5620	6.5			
		AUX VASES				466			
		MCCLOSKEY				182			
630 GETTY OIL CO	BIRCH 1	ROBINSON	14-6N-13W	123	9035	5.0			
632 GETTY OIL CO	BARRICK-WALTERS	ROBINSON	18,19-7N-12W, 13,24-7N-13W	660	47097	26.8			
						2010			
633 GETTY OIL CO	GOOO-HAWS	ROBINSON	16,17,21,22-6N-13W	64	9908	5.5			
* 634 GETTY OIL CO	HOWARD	ROBINSON	11-7N-13W		5713	461			
635 GETTY OIL CO	ALLEN HEIRS	ROBINSON	29-7N-13W	100	4188	6.2			
636 GETTY OIL CO	OENNIS-HAROIN	ROBINSON	27,34-6N-13W	237	15165	8.7			
637 GETTY OIL CO	THOMPSON	ROBINSON	26,27-6N-13W	21	3080	2.6			
* 641 GETTY OIL CO	STIFLE-ORAKE	ROBINSON	9,10,16-7N-13W		3369	288			
645 GETTY OIL CO	M DRAKE	BETHEL	17-7N-13W	32	2123	0.4			
		AUX VASES				564			
		BETHEL				24			
648 GETTY OIL CO	C.M. STIFLE C	BETHEL	8-7N-13W	*	536	*			
		AUX VASES				7			
649 GETTY OIL CO	J.G. MCKNIGHT C	BETHEL	18-7N-13W	*	236	0.7			
		AUX VASES				17			
668 GETTY OIL CO	HIGHSMITH	ROBINSON	20,21-6N-12W	173	9140	6.4			
* 696 GETTY OIL CO	WALTERS-STANTZ	ROBINSON	14,15-7N-13W		938	320			
* 621 ILL. LSE. OP.	SIEHR-NEWLIN-MOUSER	ROBINSON	19-7N-13W		288*	58			
* 618 G. JACKSON	STANFIELD	ROBINSON	17-8N-12W		47	28*			
613 KOONS & FRANK EXPL	CULVER WATERFLOOD	ROBINSON	5,6,7-7N-12W	*	4691*	*			
591 O. R. LEAVELL	BIOLE	ROBINSON	25-8N-13W	100*	1397*	4.1			
606 O. R. LEAVELL	GROGAN (FLOOD 26)	ROBINSON	4,5,9-7N-13W	10*	6150*	0.8			
611 O. R. LEAVELL	OBLONG (FLOOD 25)	ROBINSON	5,8,9-7N-13W	*	9037*	+			
644 O. R. LEAVELL	CRAWFORD CO. FLOOD	PENN	6,7-5N-12W	300*	2077*	4.1			
		BETHEL				63			
651 O. R. LEAVELL	SCHUTTE-BIDLE	ROBINSON	32-8N-12W	50*	370*	4.2			
669 O. R. LEAVELL	OBLONG (FLOOD 27)	ROBINSON	8-7N-13W	65*	1921*	2.3			
* 670 O. R. LEAVELL	STIFLE	ROBINSON	8-7N-13W		3010*	52*			
691 O. R. LEAVELL	OBLONG (FLOOD 29)	ROBINSON	17-7N-13W	*	190*	*			
620 THE MACOONELL CO	CONOREY AREA	ROBINSON	6,7-7N-13W,12-7N-14W	271	5174	17.3			
671 THE MACOONELL CO	KIRTLANO U	ROBINSON	5-6N-13W	73	3288	1.3			
672 THE MACOONELL CO	KIRTLANO-OEE	ROBINSON	5,6-6N-13W	338	22533	14.7			
617 MARATHON OIL CO.	WRIGHT FLOOD C	ROBINSON	23,26-6N-13W		8335*	1030			
623 MARATHON OIL CO.	17 PROJECTS*	ROBINSON	T6,7,8N-R12,13,14W	6505	501523	179.6			
						31186			
						5206			
						338673			
650 MARATHON OIL CO.	FLOOD 99-X	ROBINSON	6,7N-R13W	378*	3133*	11.3*			
698 MARATHON OIL CO.	THORNTON WF 21-M	BETHEL	17,18,19,20,29-7N-13W	460	31768	28.5			
		AUX VASES				3291			
		MCCLOSKEY				514			
* 592 MT. CARMEL DRLG.	NEW HEBRON WATERFLOOD	ROBINSON	22-6N-12W		1562	113			
						887			



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)					DEVELOPMENT AS OF 12-31-82					INJECTION WATER				
FIELD, COUNT					NO. OF					SOURCE				
PROJ.	DEPTH	NET	PDR	(MD)	DIL	DATE	DATE	WELLS	ACRES	SD=SAND	(F)=FRESH	TYPE		
ND.	(FT)	PAT	(%)	(API)	FIRST	ABD.	INJ.	PRDD.	UNDER	GR=GRAVEL	(B)=BRINE	PRDD=PRODUCED	(M)=MIXED	REMARKS
		(FT)								SH=SHALLOW				
LDUOEN, EFFINGHAM, FAYETTE														
CONTINUED														
1247	1534	22.0				01-59		2	0	40		TAR SPR, PRDD (B)		*EST.1981
1236	1550	15.0			39.0	09-53		4	5	60		TAR SPR, PRDD (B)		*ESTIMATED SINCE 1974
	1580	12.0						4	7	60				
1237	1560	20.0			39.0	08-57		2	3	50		TAR SPR, PRDD (B)		*ESTIMATED SINCE 1974
1224	1450	18.0	18.4	101	37.0	01-58		24	24	240		TAR SPR, PRDD (B)		*INCL PRIM PRDD SINCE 1-58
	1525	20.0												
	1550	40.0												
1227	1400	20.0	18.4	102	38.3	10-58		2	6	50		TAR SPR, PRDD (B)		*INCL PRIM PRDD SINCE 10-58
	1420	20.0												
1217	1480	25.0	19.4	93		3-56		2	3	60		TAR SPR, PRDD (B)		*REACTIVATED, ADJ. BT OPERATOR
*1212	1530	30.0	20.0	200	36.0	12-55	12-68	46	48	416		TAR SPR, PRDD (B)		*INCL PRIM PRDD SINCE 12-55
1229	1600	25.0	18.5		37.0	05-60		12	19	2887		PRODUCED (B)		*INCL PRIM SINCE 12-60.
1244	1475	22.0			35.5	08-64			10	118		TAR SPRINGS (B)		*INJ. DISC. NOV. 82
	1555	22.5												
	1610	27.5												
*1231	1520	6.0			39.4	04-61	04-71	1	2	40		TAR SPR, PRDD (B)		*SINCE 1-65
LOUISVILLE N, CLAT														
* 373	2800	10.0				11-70	05-72	1	2	30		CTPRESS (B)		
MCKINLEY, WASHINGTON														
*4011	1050	10.0				04-65	07-69	2	2	20		PRDDUCED (B)		
MAIN C, CRAWFORD, LAWRENCE, JASPER														
* 667	1000	22.0	18.5	98		01-58	12-58	5	4	80		LAKE, PRODUCED (M)		
* 602	950	30.0	21.0	136	31.0	05-54	01-64	67	53	530		PENN SAND (B)		
* 603	930	25.0	21.0	125	30.8	03-57	01-66	11	9	200		GRAY, PRDD (M)		
604	960	56.0	19.2	126	34.9	10-54		4	2	40		PENN SD, PRDD (B)		*INJ. CEASED 59; ADJ. TO ACTIVE WF
652	1050	30.0	20.0		34.0	01-76		1	6	20		PRODUCED (B)		*EST. 1982
688	980	20.0	40.3	75	36.0	07-52		5	12	200		PRODUCED (B)		*INJ. CEASED 5-69
* 599	930	20.0	18.1	141	32.7	10-64	12-75	5	7	70		PENN SD, PRDD (B)		*ESTIMATED
* 589	1350	7.0				02-64	01-70	1	1	20		PRODUCED (B)		
598	1320	10.0			35.0	04-64		2	1	20		SM SD (F)		*EST SINCE 73; *NO PRDD 1982
* 615	820	18.0			32.0	05-66	01-70	1	3	40		PRODUCED (B)		
643	1257	19.0	17.6		33.0	01-68		4	3	80		PRODUCED (B)		*ESTIMATED
	1323	15.0	16.0					4	3	80				
590	935	12.0	19.3	36	37.0	11-64		4	9	60		PRODUCED (B)		*INJ. SUSP. 72-79
646	930	22.0	19.0	95		06-70		5	6	40		PENN SD (B)		*ESTIMATED
* 695	925	10.0	20.0	100	33.4	12-62	12-68	2	6	100		PENN SD (B)		
* 609	900	20.0	17.0	170	34.0	08-51	06-69	14	37	56		CITT WATER (F)		*ND DATA SINCE 1960
* 610	900	25.0	13.0	70	34.0	03-54	01-70	6	5	50		SURFACE (F)		
* 607	890	10.5	21.1	99	33.5	06-53	01-65	13	19	78		PENN SD, PRDD (B)		*ND DATA 1963-65
* 615	890	20.0	17.0	47	32.6	04-54	01-70	5	19	50		LAKE (F)		
* 619	940	22.0	22.0	167	34.0	12-51		28	29	280		CTPRESS, PRDD (B)		*ND DATA 1970-76
* 612	950	20.0	18.9	162	31.7	06-51	11-71	95	104	1030		RIVER GRAY, PRDD (M)		
631	950	21.8	19.4	177	30.1	02-52		48	53	420		GRAY, PRDD (M)		
647	1250	8.0	16.5	20	38.0	04-71		7	14	360		PRODUCED (B)		*DATA N/A SINCE 1980
* 614	850	24.0	20.0	50	37.5	10-52	12-58	4	9	60		PENN SD, PRDD (B)		
594	950	20.1	20.0	150	33.0	01-64		10	9	160		BASAL PENN, PRDD (B)		
	1320	9.0	16.0	40										
596	950	17.3	20.0	100	34.0	04-61		7	11	33		PENN SD, PRDD (B)		
597	1332	10.0	14.2	30		01-70		18	13	288		PRDD, FRESH (M)		
	1406	5.0	13.0	10										
	1434	4.0	19.6	10										
633	881	34.3	19.1	108	33.0	08-54		7	7	60		GRAY, PRDD (M)		
632	950	30.9	20.0	152	35.0	03-54		38	39	407		PENN SD, PRDD (B)		
633	930	24.3	21.0	378	35.0	09-57		4	8	60		PRODUCED (B)		
* 634	950	20.2	19.6	184	35.3	02-52	11-71	10	19	79		PRODUCED (B)		
635	980	25.3	20.0	150	35.0	10-56		6	6	153		SM SD, PRDD (M)		
636	875	33.7	19.8	173	32.7	08-50		7	11	92		PURCHASED (B)		
637	860	32.9	19.8	108	33.0	09-52		4	3	40		PURCHASED (M)		
* 641	980	23.6	18.2	221	33.5	06-52	11-71	19	19	278		PENN SD, PRDD (B)		
645	1364	8.0			36.8	10-71		1	2	80		SM SD, PRDD (M)		
	1404	6.0												
648	1403	14.0	14.0	13	34.0	01-72		2	1	150		PURCHASED (B)		*INJECTION DISC 1981
	1438	12.0	11.0	2										
649	1412	3.0	11.5	19	34.0	09-72			1	10		PURCHASED (B)		*ND INJ SINCE 9-78
	1435	8.0	3.8	2										
668	920	21.2	23.0	80	35.0	04-59		8	8	121		PENN SD, PRDD (B)		
* 696	950	17.1	19.0	200		06-63	11-71	4	10	67		PENN SD, PRDD (B)		
* 621	896	36.0				07-63	01-73	2	5	160		PENN SD (B)		*ND DATA BEFORE 1967
* 618	977	30.0	23.0	57	36.0	06-52	08-53	3	3	20		SM SD, PRDD (M)		
613	950	17.0	19.5	108	36.8	02-61		13	20	126		PDND, PRDD (M)		*ND DATA SINCE 1971
591	1000	10.0	15.0	85	34.0	07-61		3	6	80		PRODUCED (B)		*ESTIMATED
606	950	20.4	18.9	71	37.0	10-53		12	22	151		GRAY, PRDD (M)		*ESTIMATED SINCE 1969
611	950	23.2	18.3	69	37.0	08-56		23	29	174		GRAY, PRDD (M)		*DATA NOT AVAILABLE
644	1180	7.5	17.6	324	38.0	06-68		1	4	50		PENN SD (B)		*ESTIMATED SINCE 1972
	1380	7.8	17.3	46	36.0			2	9	140				
651	995	18.0				04-76		5	12	120		PRODUCED (B)		*ESTIMATED
669	950	15.3	17.8	33	37.0	01-58		8	8	87		GRAY, PRDD (M)		*ESTIMATED SINCE 1969
* 670	950	24.4	18.9	85	37.0	01-58	1-77	5	2	27		GRAY, PRDD (M)		
691	950	15.0	18.6	106	37.0	01-63		1	5	22		GRAY, PRDD (M)		*ND DATA SINCE 1973
620	910	21.0	20.8	165	34.4	11-66		5	29	310		PRODUCED (B)		
671	800	40.0	20.1	143	34.9	01-58		9	7	30		PENN SD, PRDD (B)		
672	913	40.0	20.8	158	36.8	01-58		23	61	330		PENN SD, PRDD (B)		
617	920	15.0	20.0	245	34.0	01-53		9	16	18		PENN, PRDD (B)		*EST. 70-73; CDMB WITH #650 IN 74
623	920	20.0	19.5	125	34.0	05-68		295	447	5817		GRAY, PRDD (M)		*WILKIN, HUGHES, BRUBAKER, HARGIS, REED, FAWLEY, ARNOLD, PRICE, WOOD, YORK, KIRYLAND, SMILTS, BOND, HAMILTON, M-2, CARLTON
														*INCL PRDD #608 AND 617
650	900	20.0	20.0	100		01-74		26	60	570		PRODUCED (B)		
698	1340	10.0	15.0	30	38.0	07-63		36	61	1531		GRAY, PRDD (M)		
	1390	8.0								1410				
	1450	8.0								1050				
* 592	930	14.0	15.8	16	36.0	01-63	10-71	8	14	130		PENN SD (B)		



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	DIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION			
* = ABO				* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.			
* = P.M.				* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82			
*****									
MAIN C, CRAWFORD, LAWRENCE, JASPER									
CONTINUED									
* 593 MT. CARMEL ORLG.	STEWART-INBODEN	BETHEL	36-6N-12W	133		5		32	
* 624 PARTLOW, COCMNDR	RICH	ROBINSON	35,36-6N-12W	2716		67		1134	
* 662 PETROL. PRDD. CO	RHODES	ROBINSON	29,32-8N-12W	445					
* 608 PRUDENTIAL OIL	TCMILL-HUGHES		27,28-6N-13W	* 6035*		* 401*		* 4180*	
* 625 RED HEAD OIL CO.	DIM	ROBINSON	25,26-6N-13W	4220*		105*		1103*	
* 663 REE, INC.	MESERVE UNIT	ROBINSON	11-6N-13W	251		1		39	
* 626 E. C. REEVES	BILLINGSLEY CDDP	ROBINSON	34,35-7N-13W	2736*		89*		92*	
* 653 RESERVE PETRD CORP.	BAKER	ROBINSON	1-7N-14W	56*	118*	0.3*	4*	14*	42*
* 605 M. F. ROBERTS	BISMOP C	ROBINSON	19,20-8N-12W	2208		35			
* 693 CURTIS ROSS	SHILTS FLODD C	ROBINSON	8-6N-13W	45*	3769*	1.7	95	45*	2177*
* 680 ROYALCO, INC.	OAK RIDGE	BETHEL	17-5N-12W	537		*		*	
* 681 ROYALCO, INC.	OAK RIDGE U	CYPRESS	17-5N-12W	3213		108*		893*	
* 685 ROYALCO, INC.	DENNIS HEIRS U	ROBINSON	29,30-7N-13W	22916		1032		8368	
* 686 ROYALCO, INC.	C.J. BEST	ROBINSON	20,29-7N-13W	2366		109		874*	
* 687 ROYALCO, INC.	STEWART HEIRS	ROBINSON	21-6N-13W	4090		289		2310	
* 639 ROYALCO, INC.	MULSE-ALLEN	ROBINSON	12,13-7N-14W	397		75		424*	
* 697 ROYALCO, INC.	DEES C	ROBINSON	28-6N-13W	1463		60		858	
* 627 SHAKESPEARE DIL	MCINTOSH UNIT	ROBINSON	17,18,19,20-6N-12W	396		18		241	
* 628 SHAKESPEARE DIL	MONTGOMERY UNIT	ROBINSON	32,33-6N-12W	516		18		177	
			4-5N-12W						
* 661 SKILES OIL CDRP.	CORRELL-GURLEY COOP	ROBINSON	10-7N-12W	1214		30		227	
* 664 SKILES OIL CDRP.	WALTER COMM CDDP	ROBINSON	1-6N-13W, 36-7N-13W	26				29	
* 665 SKILES OIL CDRP.	WEGER CDDP	ROBINSON	18,19-5N-11W	770		8		109	
			13,24-5N-12W						
			28-7N-12W	55		1		12	
* 595 JAMES M. STONE			18-7N-13W	5726		333		3981	
* 629 JAMES M. STONE	CLARK-MULSE	ROBINSON	13-7N-14W	* 3754*		* 427		* 2274*	
* 639 JAMES M. STONE	LEFEVER-MUSGRAVE	ROBINSON	10,15-7N-13W	4187		470		2401	
* 638 TIDEWATER OIL CO	HENRY-IKEMIRE	ROBINSON	15,16-5N-11W	1544		67		817	
* 640 TIDEWATER OIL CO	MONTGOMERY-SEITZINGER	ROBINSON	13,14-7N-13W	991		111		712	
* 642 TIDEWATER OIL CO	WALTER-STAHLL COOP	ROBINSON	4,9-6N-13W	150*	3978*	2.9	160	150*	3569*
622 TRIANGLE DIL	DEES-LEWIS-WALL-YOUNG	ROBINSON	11-7N-13W	66	116*	0.2	1		
654 TRIPLE B OIL CO	DART-OSBORNE	ROBINSON	4-6N-13W	192	563*	5.8	9		
655 TRIPLE B OIL CO	RUSK & WILLIAMS	ROBINSON	29-6N-12W	880	1232	7.3	32*		
656 TRIPLE B OIL CO	REINDEHL-OAVIS	ROBINSON	11-7N-13W	16	1045	*	100	16	1045
657 TRIPLE B OIL CO	DARROUGH	ROBINSON	31-6N-12W	153*				37*	
* 679 WAUSAU PET. CDRP	HIGMSMITH CDDP	ROBINSON	26,34,35-36-6N-13W	250*	7864*	12.7	187	250*	3139*
659 E. L. WHITMER	SANDERS		1,2,3-5N-13W						
			26,35-8N-13W	300*	7138	6.6	606	300*	5356
694 WICHITA INDUSTRIES	FLYNN	ROBINSON	8,17-7N-12W	1571		59		921	
* 692 GEORGE WICKHAM	PRICE,KEITH,BARLOW	ROBINSON							
MAPLE GROVE C, EDWARDS, WAYNE									
*1008 ASHLAND O AND R	BENNINGTON CDDP	MCCLOSKEY	7-1N-10E	572		166*			
4078 H AND M OIL CO	MT ERIE E	AUX VASES	22,23-1N-9E	* 129		* 16*		* 25	
4063 TRIPLE B OIL CO	MUBBLE	AUX VASES	13-1N-9E	* 815*		39		* 735*	
*1025 L. URBANSKI	MAPLE GROVE	MCCLOSKEY	9,10-1N-10E	1238*		188*		1238*	
*4127 WINMAR OIL CO.	W BENNINGTON	AUX VASES	13-1N-9E	171*		32**		213	
MARINE, MADISON									
2504 KARCHMER PIPE	MARINE PILOT U	SILURIAN	8,9,17-4N-6W	300*	3654*	4.7	56	300*	3586*
MARKHAM CITY, JEFFERSON									
*2003 TIDEWATER OIL CO	NEWTON	STE GEN	1-3S-4E	*		1		7	
MARKHAM CITY W, JEFFERSON									
*2004 GULF OIL CO	W MARKHAM CITY U	AUX VASES	3,4,9,10-3S-4E	6404		429		4477	
		MCCLOSKEY							
*2020 H DOUBLE L	MARKHAM CITY WEST U	MCCLOSKEY	34,35-2S-4E, 2-3S-4E	300		1		300	
MARTINSVILLE, CLARK									
* 214 AMERICAN PUMP	FRDOERMAN AND CONNELLY	PENNSYLVNIN	13-9N-14W	3778*		121*			
* 218 J. B. BUCHMAN	W MORGAN	CARPER	31-10N-13W	283				5	
* 219 M&BIL OIL CORP.	CARPER	CARPER	30-10N-13W	1111		10*		10	
* 220 M&BIL OIL CORP.	CASEY	CASEY	19-10N-13W	872		2		34	
MASON N, EFFINGHAM									
1104 TRI STAR PRDO CO	MASON N U	BENDIST	9,10-6N-5E	140	2973*	1.6	197	140	3009*
		AUX VASES							
MATTOON, COLES									
* 515 ASHLAND O AND R	DEGLER BRDS CDDP	CYPRESS	3-12N-7E	459		22		174	
		SPAR MTN							
507 N. A. BALORIDGE	UDELL	SPAR MTN	10-11N-7E	20*	726*	0.7	32	20*	721*
520 N. A. BALDRIDGE	MATTOON CDDP	SPAR MTN	10,11-11N-7E	20*	731*	0.1	76	20*	391*
* 504 DELL CARROLL	MATTOON	CYPRESS	23-12N-7E	189		20		88	
* 506 OELL CARROLL	MATTOON	SPAR MTN	23-12N-7E	348		34		173	
* 516 OELL CARROLL	CARLYLE 4-A	SPAR MTN	11-11N-7E	47		25		28	
523 COLLINS BROS.	LANDSHAW-MILL	CYPRESS	27-12N-7E	25*	950*	0.6	95	25*	950*
		SPAR MTN							
503 WALTER DUNCAN	REDMAN-MACKE	CYPRESS	23-12N-7E	*	758	1.5	85	23	880
		SPAR MTN							
511 WALTER DUNCAN	DHM	CYPRESS	2,3-11N-7E	35	3863*	3.4	462	29	1838*
		AUXR VASES							
		SPAR MT							
514 WALTER DUNCAN	ARTMUR-OLIVER	SPAR MTN	2-12N-7E	100	3702	1.4	258	97	2021*
521 WALTER DUNCAN	COLEMAN UNIT	SPAR MTN	10-11N-7E	*	974*	0.5	184	35	1003
* 525 WALTER DUNCAN	PAWNEE ROYALTY	SPAR MTN	23-12N-7E		700*		130**		600*
* 524 GORDON OIL CO.	TIVNEN	CYPRESS	35-12N-7E	2000*		180*		1500*	
* 501 PHILLIPS PET. CO	TINSLEY	SPAR MTN	22-12N-7E	249		15		144	
* 509 SAFARI OIL CO	NORTH MATTOON UNIT	CYPRESS	10,11-12N-7E	1977		157*		457	
500 SCHAEFER OIL CO.	MATTOON	CYPRESS	23,24,25,26,27,34,35,	*	34574*	18.5	2138	*	15267*
		SPAR MTN	36-12N-7E, 2,11-11N-7E						
512 SCHAEFER OIL CO.	SOUTH MATTOON UNIT	CYPRESS	34-12N-7E, 3-11N-7E	*	11195*	5.0	1259	*	6437*
		AUX VASES							
		SPAR MTN							
* 519 SCHAEFER OIL CO.	MERKIMER	SPAR MTN	11-12N-7E		1124*	58*		334*	
517 CARL WHITE	G. BRINING	AUX VASES	3-11N-7E	35*	722*	1.7	81	35*	613*

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNT										NO. OF				SOURCE				
										WELLS				TYPE				
PROJ.	DEPTH	NET	PDR	PERM	DIL	DATE	DATE	FIRST	ABD.	INJ.	PROD.	INJ.	PROD.	INJ.	PROD.	INJ.	PROD.	
NO.	(FT)	PAY	(%)	(MD)	GRAV	(API)	INJ.											
	(FT)																	
*****																		
MAIN C, CRAWFORD, LAWRENCE, JASPER																		
CONTINUED																		
* 593	1310	10.0	16.0	45	34.0	03-64	07-66	2	2	50	PENN SD, PRDD (B)							
* 624	1006	22.0	24.3	240	26.0	10-54	12-61	5	9	60	LAKE, PRDD (M)							
* 662	1000	15.0	20.0	75	35.7	09-51	12-56	4	2	40	SH SD, POND (M)							
* 608	900	20.0	20.0	100	32.0	06-51		6	9	130	SH SD, PRDD (M)						*EST. 1951-73; CDMB W/650 1974	
* 625	840	10.5	21.2	98		07-53	12-62	16	14	103	PENN SD, PRDD (B)						*1960, 1961 ESTIMATED	
* 663	950	22.7	21.9	89		11-53	05-55	4	4	20	PENN SD (B)							
* 626	925	20.0	30.0	45		12-53	07-64	6	8	115	PENN SD (B)						*NO DATA FROM 1961 THRU 1964	
* 653	1000		12.0		33.0	07-75		2	3	30	PRODUCED (B)						*EST.	
* 605	1000	22.4	22.1	156	35.7	11-53	02-60	26	7	70	SH FR, PROD (M)						*ESTIMATED	
* 693	900	10.0	15.0	150	36.0	06-63		6	6	80	PENN, PROD (B)						*ESTIMATED SINCE 1970	
* 680	1590	8.0	14.0	15	35.7	10-61	05-69	1	5	420	SH WELL, PRDD (M)						*INCL WITH 681	
* 681	1470	15.0	18.5	57	35.9	10-61	05-69	5	6	420	SH WELL, PRDD (M)						*INCL 680	
* 685	950	20.0	19.0	120	37.2	12-59	05-69	71	84	380	SH WELL, PRDD (M)							
* 686	950	20.0	15.0	12	37.2	11-61	05-69	7	11	80	SH WELL, PRDD (M)						*ESTIMATED	
* 687	950	38.0	28.7	240	37.0	10-60	11-70	6	9	40	PRODUCED (B)							
* 689	936	50.0	18.5	74	36.8	12-61	03-69	3	5	180	PURCHASED (B)						*ESTIMATED	
* 697	930	12.0	17.0	64	37.2	09-61	05-69	7	9	160	SH WELL, PRDD (M)							
* 627	925	12.0			32.6	07-54	01-59	4	8	39	PENN SD (B)							
* 628	975	25.8	22.6	150	28.3	05-54	05-58	6	6	52	PENN SAND (B)							
*****																		
* 661	1035	20.0	22.2	100	33.0	07-51	09-55	18	17	180	PENN SD, PRDD (B)							
* 664	985	12.5	20.1	93	36.0	12-51	01-53	5	6	40	PENN SD, PRDD (B)							
* 665	900	20.0	17.0	37		11-52	07-56	9	11	90	CREEK, PRDD (M)							
*****																		
* 595	1128	30.0	19.0	200		03-65	06-66	1	4								PENN SD (B)	
* 629	910	25.4	19.9	278	34.0	01-52	01-70	13	4	80	SH SD, PRDD (M)							
* 639	910	24.4	20.0	250	34.0	02-54		14	14	119	SH SD, PROD (M)						*EST; DATA N/A SINCE 1977	
* 638	935	14.6	21.0	175	35.0	07-48	12-63	24	44	104	PENN SD, PRDD (B)							
* 640	979	21.0	19.0	144	32.0	05-54	12-65	6	3	64	SH SD, PRDD (M)							
* 642	987	15.9	20.0	100	35.0	11-54	07-65	7	2	56	PENN SD, PRDD (B)							
* 622	875	15.0				01-68		14	16	300	SH SD, PRODUCED (M)						*ESTIMATED	
* 654	952	22.0	18.0		30.2	06-81		3	3	60	SUPPLY WELL, PROD (M)						*ADJ. 8T OPERATOR	
* 655	940	17.0	16.0		32.6	03-81		9	21	320	SUPPLY WELL, PROD (M)						*ADJ. 8T OPERATOR	
* 656	914	20.0	15.0		28.1	1-79		4	8	80	SUPPLY WELL, PROD (M)							
* 657								4	12	200							*ND PRDD REPORTED IN 82	
* 679	890	20.0	21.5	50	32.0	09-51	04-59	13	23	130	PENN SD (B)						*LAST DATA AS OF 12-31-52	
* 659	880	20.0	21.0	205	32.0	08-52		65	57	277	PENN SD, PRDD (B)						*ESTIMATED; NO DATA 1958-1974	
*****																		
* 694	980	12.0	18.6	200	37.4	11-63		11	14	210	LAKE, PROD (M)							
* 692	1050	10.0			30.0	05-62	09-66	2	3	30	PENN SD, PRDD (B)							
*****																		
MAPLE GROVE C, EDWARDS, WATNE																		
*1008	3100	5.0			38.0	09-52	06-61	4	11	300	PRODUCED (B)						*INCLUDES PRIMARY PRDD	
*4078	3170	15.0				11-68		1	1	30	PENN SD (B)						*DATA N/A SINCE 1980	
*4063	3150	12.0				09-71		2	8	110	PENN SAND,						*ND PRDD REPORTED 1982	
*1025	3270	8.0			36.0	07-61	01-74	5	5	280	CTPRESS, PRDD (B)						*ESTIMATED SINCE 1967	
*4127	3150	15.0	24.0	50	37.0	01-57	12-61	1	5	*	CTPRESS SD (B)						*ACREAGE INCL. WITH 4063	
*****																		
MARINE, MADISON																		
*2504	1725	99.0			34.0	12-70		3	7	240	PROD & SUPPLT (M)						*ESTIMATED SINCE 1974	
*****																		
MARKHAM CITT, JEFFERSON																		
*2003	3080	5.0				08-55	12-56	1	1	40	CYPRESS (B)						*DUMP FLOOD	
*****																		
MARKHAM CITT W, JEFFERSON																		
*2004	2900	11.3	22.1	269	38.0	04-54	12-63	12	9	230	CTPRESS, PRDD (B)							
	3000	7.0	15.4	230				7	7	150								
*2020	3050	10.0			36.0	09-64	05-67	1	2	270	CYPRESS (B)							
*****																		
MARTINSVILLE, CLARK																		
* 214	530	25.0	24.0	43	32.0	01-56	03-75	50	42	240	LAKE (F)						*ND DATA 1959-69	
* 218	1346	40.0	16.0	11	30.0	10-52	12-53	2	6	40	SH SD (F)							
* 219	1334	27.0				01-51	02-55	4	1	10	SH GRAV (F)						*INCL PRIM PRDD 1-51 TD 2-55	
* 220	464	25.0				08-50	12-54	8	3	23	SH GRAV, (F)							
*****																		
MADON M, EFFINGHAM																		
*1104	2280	11.0	16.0	24	38.0	10-58		1	3	100	TAR SPR, PRDD (B)						*EST SINCE 1980	
	2344	17.0				08-65				30								
*****																		
MATTDON, COLES																		
* 515	1722	10.0			38.4	12-63	02-67	2	5	80	PURCHASED (B)							
	1920	10.0						2	5	80								
* 507	1980	19.0			35.0	04-66		2	2	50	PRODUCED (B)						*ESTIMATED	
* 520	1960	10.0	12.0			04-66		3	6	80	SH SD (F)						*ESTIMATED SINCE 1973	
* 504	1770	9.0				04-59	12-66	4	7	100	PURCH, PRDD (B)							
* 506	1970	10.0			37.0	04-59	12-66	4	7	100	PURCH, PRDD (B)							
* 516	1975	12.0			36.0	05-64	01-72	1	2	35	PURCHASED (B)							
* 523	1785	8.0				04-61		1	2	30	PRODUCED (B)						*ESTIMATED	
	2000	6.0						1	2	30								
* 503	1770	10.0				06-59		*	2	20	PRODUCED (B)						*INJECTION DISC.	
	1970	9.0																
* 511	1800	20.0				08-62		5	8	130	GRAVEL BED (F)						*EST. 73-79	
	1920	12.0				09-68												
	1970	12.0				08-62												
* 514	1930	8.0				02-63		1	2	180	SH SD, PRDD (M)						*EST. 73-79	
* 521	1920	11.0				04-66				50	GRAV, PROD (M)						*INJECTION DISC.	
* 525	1920	12.0				12-56	12-66	1	4	50	PURCHASED (F)						*EST. NO DATA INCL. PRIM 56-66	
* 524	1830	15.0				6-54	12-60	4	4	80	SEWAGE EFFLUENT						*EST. NO DATA RECEIVED	
* 501	1950	10.0	15.0	990	37.0	11-50	12-54	2	5	70	PRODUCED (B)							
* 509	1800	10.0	18.0	40	39.0	02-61	01-72	8	15	360	PENN SD (B)						*INCL PRIM PROD SINCE 2-61	
* 500	1750	13.0	16.0	84		05-52		20	25	850	PRDD, SEWAGE EFF (M)						*INJ. DISC 1979	
	1950	12.0						20	28	900								
* 512	1800	14.6	20.0	54	39.0	03-62		13	18	300	GRAVEL BED (F)						*INJ. DISC 1979	
	1910	10.0						6	4	100								
	1980	11.0	12.6	97				17	19	400								
* 519	1920	8.0			38.0	03-69	12-75	3	11	150	PENN SD (B)							
* 517	1920	10.0			37.0	11-64		1	3	40	PURCHASED (F)						*ESTIMATED	

Table 11. continued

GENERAL INFORMATION					* PRODUCTION AND INJECTION STATISTICS (M BBL/S) *				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R						
* = ABD					* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.		
* = P.M.					* 1982 * 12/82	* 1982 * 12/82	* 1982 * 12/82		
MATTOON, COLES									
CONTINUEO									
517 CARL WHITE		SPAR MTN							
MATTOON N, COLES									
518 ELMER M NOVAK	N.W. MATTOON WF	SPAR MTN	22-13N-7E		25*	1745*	1.5	171	25* 1745*
MAUNIE N C, WHITE									
*4453 COY OIL CO	RAMMING	TAR SPRINGS	24-5S-10E			220*		46**	220*
		OMARA							
*4307 DEVON CORP.	ACKERMAN-BOHLEBER-JSN	AUX VASES	35-5S-10E			652*		65*	115*
4328 DEVON CORP.	ACKERMAN	AUX VASES	23,26-5S-10E		*	1528*	*	104*	* 765*
		SPAR MTN							
*4448 DEVON CORP.	ACKERMAN	BETHEL	25-5S-10E			1120*		141	1120*
		AUX VASES							
*4452 NAPCO	ACKERMAN E	MCCLOSKEY							
		BETHEL	25-5S-10E			*		144	650
*4282 LOUIS PESSINA	RIBEYRE ISLAND UNIT	AUX VASES							
		WALTERSBURG	19,30-5S-14W			817		180	373
4356 REBSTOCK OIL CO.	M B BOHLEBER	TAR SPRINGS							
		AUX VASES	26-5S-10E		5	1098	0.2	146	5 1146
		MC CLOSKEY				225			
*4220 RULEO OIL CORP.	MAUNIE N U	AUX VASES	18,19-5S-14W			2640*		338*	
*4272 G. SCHOONMAKER	MAUNIE W UNIT	AUX VASES	35-5S-10E, 2-6S-10E			2720*		134*	
4384 TRI STAR PROD CO	MAUNIE WF U	PENNSYLVANIA	24,25,36-5S-10E		35*	6671*	6.8	1676	35* 4012*
		BETHEL							
		AUX VASES							
*4405 WALKER ORLG CO.	GRAY	MCCLOSKEY							
		BETHEL	25-5S-10E			69		1	7
		AUX VASES							
MAUNIE S C, WHITE									
4213 ABSHER OIL CO	PALESTINE UNIT	BRIDGEPORT	13,24-6S-10E		150**	4190**	13.9*	337*	150** 3115**
		PALESTINE				13535		1721	12150
		TAR SPRINGS							
*4230 MOBIL OIL CORP.	TAR SPRINGS U	AUX VASES							
		TAR SPRINGS	19-6S-11E			4748		792*	2049
			24,25-6S-10E						
*4239 MOBIL OIL CORP.	MAUNIE COOP	TAR SPRINGS	24-6S-10E			180		11*	102
*4268 MOBIL OIL CORP.	TAR SPRINGS U 2	TAR SPRINGS	24-6S-10E, 19-6S-11E			639		60	209
4273 BERNARD POOLSKY	ARNOLD UNIT	CYPRESS	7,18-6S-11E			848*	1.3	269	1 145
*4265 REBSTOCK OIL CO.	SOUTH CLEAR POND	PALESTINE	12-6S-10E			2097		141	428
		TAR SPRINGS							
MELROSE, CLARK									
* 227 SHAKESPEARE OIL	MELROSE U	ISABEL	13,24-9N-13W			192		4	2
MILETUS, MARION									
2632 FEAR AND OUNCAN	JONES #1	BENOIST	16-4N-4E		25*	394*	1.1	23	25* 389*
MILL SHOALS, HAMILTON, WAYNE, WHITE									
4410 COY OIL CO	BROWN ET AL	AUX VASES	29,31,32-3S-8E		40*	1237*	0.7	136	40* 1181*
4059 FOUR SEASONS OIL	FELIX	AUX VASES	12-3S-7E, 7-3S-3E		60*	780*	9.8*	69*	60* 780*
*1571 PAUL GRAEHLING	FYIE	AUX VASES	25-3S-7E			*		37*	
*1505 BARRON KIDD	GARONER	AUX VASES	24-3S-7E			*		28	
4352 POOL OIL CO.	MCINTOSH U	AUX VASES	31-3S-8E, 6-4S-8E		22*	6079	1.9	471	22* 4048
4386 POOL OIL CO.	MILL SHOALS U	AUX VASES	19,20-3S-8E			3811*	*	257*	* 3016*
4133 SHULMAN BROTHERS	POORMAN-FOX	AUX VASES	13-3S-7E, 18,19-3S-8E		30*	1597*	1.8	132	30* 823*
1569 TAMARACK PET.	DAUBY-NEWBY SW	AUX VASES	36-3S-7E		110*	2369	1.0	208	135* 2011
4279 TAMARACK PET.	DAUBY-NEWBY NE U	AUX VASES	30,31-3S-8E		*	4129	*	210	* 2362
*4411 TAMARACK PET.	E. MILL SHOALS	AUX VASES	20,29-3S-8E			1319		74	513
4183 TEXACO, INC.	A.J. POORMAN "A" NCT-2	AUX VASES	19-3S-8E		42	3321	5.3	188	45 1076
4337 TEXACO, INC.	A.J. POORMAN "A" NCT 1	AUX VASES	31,32-3S-8E		96	3139	1.4	215	94 1690
*1506 SAM TIPPS	B.R. GRAY, TRUSTEE	AUX VASES	1-4S-7E			3211*		349	1444*
*4442 SAM TIPPS	MCINTOSH	AUX VASES	30-3S-8E			*		70*	350*
*4363 H. WEINERT EST.	MILLSHOALS UNIT	AUX VASES	30-3S-8E			6705		326	3089
*4397 H. WEINERT EST.	WEST MILL SHOALS UNIT	AUX VASES	20,29,30-3S-8E			3250		189	
MOORE, SHELBY									
3802 DON DURR	MOORE FIELD	BENOIST	15,16,21,22-10N-4E		100*	811*	6.0	360	70* 756*
MONTROSE N, CUMBERLAWO									
738 EGO OIL CO	MONTROSE WF	MCCLOSKEY	34-9N-7E		*	103*	0.1*	12*	* 9*
MT CARMEL, WABASH									
3855 T. M. BANE ESTATE	HARRIS	BIELH	17-1S-12W		*	*	5.8	176	
		CYPRESS							
3849 DEE DRILLING	ZIMMERMAN UNIT	CYPRESS	10-1S-12W		100*	1040*	4.5	50	100* 1040*
*3864 FRMERS PETR COOP	SHAW	CYPRESS	7-1S-12W		*	883	0.3	112	329
*3918 FRMERS PETR COOP	WABASH UNIT	MCCLOSKEY	5-1S-12W			425		89	165
*3941 FIRST NATL PET	SHAW-COURTER	CYPRESS	7-1S-12W			259		28	9
*3946 FIRST NATL PET	SHAW-COURTER	BIELH	7-1S-12W			364		69	148
*3919 T. W. GEORGE EST.	NORTH MT CARMEL	CYPRESS	4,5-1S-12W			350		29	
*3958 T. W. GEORGE EST.	OUNKEL-JOHNSON	CYPRESS	32-1N-12W			400*		22	
*3884 H AND M OIL CO	C F CHAPMAN	TAR SPRINGS	7,18-1S-12W			169		10	83
*3854 HAYES-WOLFE BROS	COTNER	CYPRESS	21-1S-12W					82	
3872 GILBERT A. HIGGINS	CROW-MILLER	CYPRESS	8-1S-12W		*		0.1	99	145
3983 GILBERT A. HIGGINS	MT CARMEL N U	BIELH	4,9-1S-12W		*	4276	0.3	371	6* 1449
		CYPRESS							
*3887 JUNIPER PETROLEUM C	CLAY MOELLER	CYPRESS	5-1S-12W			256*		16	191
3890 JUNIPER PETROLEUM C	PALMYRA U	BIELH	5-1S-12W		65	3966	100.0	325	26 1726
		TAR SPRINGS							
		CYPRESS							
3977 JUNIPER PETROLEUM C	W. MT CARMEL	CYPRESS	18,19-1S-12W		36	2467	1.6	181	30 1047
3923 W.M. H. MITCHELL	CHAPMAN-COURTER U	CYPRESS	7,18-1S-12W		50*	2399*	1.6	346	50* 1798*
3882 M AND M OIL CO.	CAMPBELL HEIRS	CYPRESS	7-1S-12W		55*	1059*	1.6	49	55* 695*
*3921 ELMER M NOVAK	MT CARMEL U	CYPRESS	17-1S-12W			1763		129	
3922 OIL TECHNOLOGY GROUP	MT CARMEL U	BIELH	17,18-1S-12W		180	14666	15.1	1867	180 12166
		CYPRESS							



RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY		PERM	DIL	DATE	DATE	NO. OF	ACRES	SOURCE	TYPE									
PROJ.	DEPTH	NET	PDR	(MD)	GRAY	FIRST	ABD.	UNDER	SO=SAND	(F)=FRESH								
NO.	(FT)	PAT	(X)	(API)	INJ.	INJ.	PRDD.	INJ.	GR=GRAVEL	(B)=BRINE	PRDD=PRODUCED	(M)=MIXED						
		(FT)							SH=SHALLOW									

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Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (H BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R		TOTAL	CUM.	TOTAL	CUM.	TOTAL	CUM.
* = ABD					1982	12/82	1982	12/82	1982	12/82
* = P.M.										
*****										
MT CARMEL, WABASH										
CONTINUED										
*3862 WILLIAM PFEFFER	BAIRO-SCHULER	BIEHL	20-1S-12W		160*		12*		142*	
*3924 SKILES DIL CDRP.	W MT CARMEL	TAR SPRINGS	18,19-1S-12W		895		138		513	
*3863 WAYNE SMITH, DP.	MT CARMEL UNIT	BIEHL	21-1S-12W		200*	4835	2.7	323	50*	2899
		CYPRESS								
3889 SO. TRIANGLE CD.	NORTHEAST MT CARMEL U	BIEHL	16,21-1S-12W		550	6718	17.3	447	400	4279
		CYPRESS								
3975 SO. TRIANGLE CD.	BAUMGART-HARE	BIEHL	1-1S-13W;6-1S-12W		69	985*	2.7	115	30	754*
3897 SUPERIOR OIL CO.	R.V.2. UNIT	BIEHL INGS	8,9-1S-12W		*	43*	0.1*	370*	5*	846*
		TAR SPRINGS			*	421*				
		CYPRESS			*	1936				
*3917 TAMARACK PET.	G DUNKEL	BIEHL	5-1S-12W			252*		28		42*
*3873 TEXACO, INC.	KUMN UNIT	BRIDGEPORT	16-1S-12W			301		50*		292*
		CYPRESS				680				
*3875 TEXACO, INC.	STEIN UNIT	TAR SPRINGS	5-1S-12W			411		44*		178*
		CYPRESS				449				
3876 TEXACO, INC.	GEIGER-STECKLER U	BIEHL	8,9,16-1S-12W		194	4680	7.2	498	194	3126
		TAR SPRINGS								
		CYPRESS								
*3879 TEXACO, INC.	COUCH-NOLLER	BIEHL	16-1S-12W			279		*		*
*3880 TEXACO, INC.	COUCH-NOLLER	CYPRESS	16-1S-12W			227		16*		79*
*3925 TEXACO, INC.	STEIN LEASE	TAR SPRINGS	8-1S-12W			327		100		138
		CYPRESS				263				
*****										
NEW HARMONY C, EDWARDS, WABASH, WHITE										
4283 ABSHER DIL CO	CALVIN-MDN UNIT	TAR SPRINGS	9-4S-14W		5*	4046*	0.3	442	5*	3120*
		CYPRESS								
		BETHEL								
4313 ABSHER OIL CO	C. HUGHES	AUX VASES	17-4S-14W		150*	7638*	6.8	567	150*	5074*
		CYPRESS								
		BETHEL								
4335 ABSHER OIL CO	BRAMLETT	AUX VASES	17-4S-14W		200*	2369*	14.7*	198*	200*	2481**
4398 ABSHER DIL CO	BRAMLETT	BETHEL	17-4S-14W		100*	2542*	2.7*	337	100*	1616*
		CYPRESS								
*3926 ASHLAND D AND R	N MAUD(WALLACE A,B)	BETHEL	5,6,7,8-2S-13W			715		165		156
*3927 ASHLAND D AND R	RAVENSTEIN	BETHEL	32-1S-13W			99		59		8
3857 JOHN L. AULVIN	SEILER	WALTERSBURG	26,27-1S-13W		30*	1180*	0.8	72	30*	1167*
		HARDINSBURG								
		BETHEL								
3888 N. A. BALORIDGE	STERL U	BETHEL	16,17-1S-13W		25*	741*	0.8	51	25*	552*
4293 BARGER ENG	FDRD "B"	CYPRESS	21-4S-14W		36	2496*	6.4	333	53	2060*
		BETHEL								
		AUX VASES								
3851 FRANCIS BEARD	SMITH,SLS,SHEARER,HAR	TAR SPRINGS	32,33-1N-13W		425*	6480*	24.4	464*	425*	6480*
4274 FRANCIS BEARD	J.J. BOND	CYPRESS	8-4S-14W		36	5832	2.3	530	36	3029
		BETHEL								
		AUX VASES								
4316 BELL BROTHERS	SKILES	CYPRESS	16-4S-14W		*	2394	1.6	286	31	1125
		BETHEL								
		AUX VASES								
3845 ALENE BLADES	W.RABER	BETHEL	18-2S-13W		25*	235*	4.1	40	25*	235*
4426 C. E. BREHM	JOHNSN-STALLINGS-FDRD	CYPRESS	5-5S-14W		35*	570	4.0	146	30*	560
3987 W. E. BRUBECK	EPLER	CYPRESS	5,6-3S-13W		11*	566	3.7	35	4*	272
		BETHEL								
		AUX VASES								
3870 DARRELL W. BYRNE	MAUD NW UNIT	SPAR MTN			*	2068*	*	209	*	1100*
3893 DARRELL W. BYRNE	MAUD U	WALTERSBURG	27,34-1S-13W		50	2074*	2.2	394	50	1430*
		WALTERSBURG	34,35-1S-13W							
		CYPRESS								
*4219 CALSTAR PET.	FORD "B"	BETHEL	21-4S-14W			1113		104		
*3891 R. G. CANTRELL	SCHRODT STATION S U	CYPRESS	3-2S-13W			1085		74		295
*3980 DELL CARROLL	FRIENDSVILLE FIELD	CYPRESS	11-1S-13W			345		30		134
*3982 CENTRAL EXPLR CD	FRIENDSVILLE U	CYPRESS	2,11-1S-13W			2158*		328*		783*
4303 CONYERS DIL WELL	ALLEN GRAY "H" C	AUX VASES	20-4S-14W		50**	394**	21.5	134		
4312 CONYERS DIL WELL	FITTON "A" UNIT	AUX VASES	29-4S-14W		100*	1672*	7.8	174	100*	1120*
3963 COY OIL CO	KERWIN U	BIEHL	14,15,22-3S-14W		50**	8598**	2.3*	1320*	50*	3207**
		BETHEL								
		AUX VASES				90				
*4338 CDY DIL CO	GRAY	AUX VASES	20-4S-14W			814		105*		454*
*4339 CDY DIL CO	GRAY	BETHEL	22-4S-14W			150		*		*
*4368 COY DIL CO	B. R. GRAY	CYPRESS	17-4S-14W			1958		288		898
		BETHEL								
		AUX VASES								
*4286 ALVA C. DAVIS	CALVIN GRIFFITH C	BETHEL	8-4S-14W			285		31		216
		AUX VASES				452		108		476
*3994 B. R. DUNCAN	DUNKEL	CYPRESS	11-1S-13W			115		12		36
*4227 FARRAR DIL CO.	BDWMAN'S BEND UNIT	TAR SPRINGS	16,21-5S-14W			10295*		2478		6691*
4280 FEAR AND DUNCAN	FDRD UNIT	DEGNIA	7,8-5S-14W		170*	2713*	15.9*	950*	110**	2585**
		WALTERSBURG	8-5S-14W		30*	541*				
		BETHEL	7,8-5S-14W			27				
		AUX VASES	7,8-5S-14W			2619				
3935 FISK & FISK	D G UPDEGRAFF "A"	CYPRESS	14-3S-14W		500*	11748*	8.6	1784*	500*	17792*
		BETHEL								
		HCCLOSKY								
*3929 G R COMPANY	SHULTZ	CYPRESS	7-3S-13W			2693*		175**		1982**
*3930 G R COMPANY	SHULTZ	CYPRESS	7-3S-13W			816*		*		*
3878 V. R. GALLAGHER	DUNN	CYPRESS	11-3S-14W		40*	418*	6.8	58	60*	388*
*4330 V. R. GALLAGHER	GREATHOUSE-WALT. UNIT	WALTERSBURG	32-4S-14W			102		122*		40
*4392 GALLAGHER DRILLING	CALVIN WATERFLODD C	AUX VASES	22-4S-14W		20*	903	3.7	205	10*	196
*3907 T. W. GEORGE EST.	EAST MAUD	BETHEL	32,33-1S-13W			98		55*		
*3947 T. W. GEORGE EST.	EAST MAUD	CYPRESS	32,33-1S-13W			31		55		
3976 T. W. GEORGE EST.	E MAUD	WALTERSBURG	22,27-1S-13W		*	712	0.7	190	6	225
		BETHEL				352		16		32
3874 GETTY DIL CO	KEENSBURG U	BIEHL	16,17,20-2S-13W		506	28056	32.9	1863	989	15166
		CLORE								
		CYPRESS								
		BETHEL								

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82					INJECTION WATER					
FIELD, COUNTY										NO. OF					SOURCE					
PROJ.	DEPTH	NET	POR	PERM	OIL	DATE	DATE	WELLS	ACRES	SD=SAND	(F)=FRESH									
NO.	(FT)	PAY	(X)	(MD)	GRAV	FIRST	ABD.	INJ.	PROD.	UNDER	(B)=BRINE									
		(FT)			(API)	INJ.		INJ.	PROD.	INJ.	PROD=PRODUCED	(M)=MIXED							REMARKS	
											SH=SHALLOW									
MT CARMEL, WABASH																				
CONTINUED																				
*3862	1475	10.0				07-67	01-74	2	3	60	PRODUCED (B)		*ESTIMATED							
*3924	1730	6.0				10-55	07-63	3	3	70	PRODUCED (B)									
3863	1450	16.0	17.0	130	39.0	12-67		10	10	200	GRAVEL BED (F)		*EST.1982							
	2000	10.0	18.0	150				12	12	210										
3889	1475	7.0	18.0	165	32.4	07-70		14	12	310	RIVER GRAVEL (F)									
	1980	9.0	19.0	250	36.3			4	5	230										
3975	1660	14.0				11-69		4	3	60	PRODUCED (B)									
3897	1548	8.0	18.8	338	36.0	07-77		*	1	80	RIVER GRAV (F)		*WELL SHUT IN 11-80+INCL ALL PAT							
	1704	11.6	13.9	221	34.8	06-71														
	2010	11.0			37.0	06-63														
*3917	1500	6.7	15.3	310	36.6	06-52	01-58	2	3	70	SH SD, GRAV (F)		*DATA FOR 1954 EST							
*3873	1350	10.0			35.0	07-64	10-68	2	1	30	GRAV, PROD (M)		*INCL BOTH PAYS							
	1900	12.0						4	5	111										
*3875	1710	12.0			32.4	04-64	05-69	1	2	40	SH SD, PROD (M)		*INCL BOTH PATS							
	2010	11.0	17.0	29		04-64		2	1	73										
3876	1490	14.0			35.0	03-64		4	6	182	SH SD, PROD (M)									
	1690	8.5	13.9	79																
	2000	7.3	17.0	32																
*3879	1490	14.0			35.0	03-64	04-68	1	1	50	SH SD, PRDD (M)		*INCL WITH 3880							
*3880	1930	12.0			35.0	03-64	04-68	1	1	50	SH SD, PROD (M)		*INCL 3879							
*3925	1710	12.0	13.9	221	32.4	03-64	03-67	3	1	116	SH SD, PROD (M)									
	2010	11.0	17.0	29	32.4			3	1	73										
NEW HARMONT C, EDWARDS, WABASH, WHITE																				
4283	2350	9.0				01-59		1	2	30	GRAVEL BED (F)		*EST.2+ADJ.							
	2550	6.0						5	5	100										
	2800	6.0						3	5	80										
	2900	14.0						6	6	120										
4313	2560	17.0			37.0	11-60		4	2	80	GRAV, PROD (M)		*ESTIMATED							
	2700	20.0						4	2	80										
	2820	13.0						4	3	80										
4335	2670	25.0			33.3	11-61		1	2	80	SH SD, PROD (M)		*INCL 4333, 4334; +EST							
4398	2552	20.0			37.0	12-63		2	2	40	SH SD, PROD (M)		*ESTIMATED							
	2662	20.0						2	2	40										
*3926	2650	6.5	16.0	60	37.5	04-56	11-71	4	4	130	GRAV, PROD (M)									
*3927	2650	7.0	7.0	16	38.4	05-57	12-66	1	2	20	GRAV, PROD (M)									
3857	1900	10.0				06-66		1	2	40	PRODUCED (B)		*ESTIMATED							
	2100	22.0						2	2	40										
	2400	16.0						1	1	20										
3888	2570	12.0	13.9	27	39.0	12-69		3	7	100	WATER WELL (F)		*ESTIMATED							
4293	2600	9.0			36.0	03-53		1	3	100	PRODUCED (B)		*EST 1982							
	2700	9.0	13.0			03-53														
	2885	10.0	13.0	30		03-53														
3851	2000	20.0				12-60		3	13	130	PRODUCED (B)		*EST; +INCL PRIM PROD SINCE 1960							
4274	2585	13.0	13.2	46	34.3	08-58		3	5	120	SH SD, PROD (B)									
	2705	17.0	16.0	20	36.1															
	2820	15.0	17.0	31	36.2															
4316	2550	15.0	17.5		33.9	08-61		1	2	126	SH SD (F)		*INJ.SUSP.1982							
	2700	12.0	16.8																	
	2850	18.0	19.0																	
3845	2570	10.0				6-72		1*	2	30	PRODUCED (B)		*ESTIMATED							
4426	2608	22.0			36.0	03-66		2	2	80	PRODUCED WATER (B)		*EST.1982							
3987	2470	10.0				09-70		1	3	60	SH. SAND (F)		*EST.1982							
	2635	11.0								40										
	2742	9.0								50										
	2858	4.0								40										
3870	1937	16.0	16.0	200		02-65		5	2	200	SH SD, PROD (M)		*ESTIMATED +DATA N/A SINCE 1977							
3893	1937	8.0	16.0	320		11-63		3	3	70	GRAV, PROD (M)		*ESTIMATED							
	2248	8.0	18.8	83				4	4	80										
*4219	2695	12.0			37.5	03-53	04-60	1	3	40	GRAVEL BED (F)									
*3891	2320	12.0			34.4	10-63	12-82	1	4	160	SH SD, PROD (M)		*SWD ONLY							
*3980	2290	10.0			36.0	02-61	10-66	6	6	120	RIVER GRAV, PROD (M)									
*3982	2300	13.0	16.1	90	36.8	02-61	01-72	9	3	170	SH SD (F)		*ND INJ 12/67-6/69; 1971 NO DATA							
4303	2844	7.0				04-60		1	1	30	GRAVEL BED (F)		*ESTIMATED SINCE 1968; +SWD ONLY							
4312	2888	4.0	16.2	25	36.4	03-60		1	1	140	GRAVEL BED (F)		*ESTIMATED SINCE 1965							
3963	1830	12.0	21.0	200	33.0	10-59		6	4	130	GRAV, PRDD (M)		*ESTIMATED; +INCL ALL PAYS							
	2700	13.0	16.2	40				12	12	310			*INCL BETHEL							
	2800	8.0				10-59	12-64													
*4338	2850	20.0	17.0	50		03-60	12-63	5	5	120	SH SD, GRAV (F)		*INCL 4339							
*4339	2720	5.0	15.0			03-60	12-63	2	2	50	SH SD, GRAV (F)		*INCL WITH 4338							
*4368	2575	10.0	16.2	118	39.0	01-63	08-68	4	4	80	GRAV, PROD (M)									
	2790	9.0	14.3	50				2	2	40										
	2900	16.0	18.0	125				4	4	80										
*4286	2680	10.0			33.0	09-59	09-70	2	1	40	GRAV, PROD (M)		*INJ TEMP DISC 12-64							
	2855	20.0			36.0	06-60	08-70	1	1	35										
*3994	2100	15.0			35.4	11-62	12-65	1	1	20	SH SD, PROD (M)									
*4227	2260	19.5	17.9	120	37.5	12-53	12-78	2	19	200	GRAV, PROD (M)		*ESTIMATED 1970-78							
4280	1930	6.0	16.0	50	36.0	11-65		5	9	100	GRAV, PRDD (M)		*INCL ALL PATS; +EST							
	2244	8.0	18.0	47	36.0	08-66		2	3	40										
	2746	5.0	15.0	32	36.0	11-65		1	1	20										
	2872	12.7	18.1	43	37.8	02-59		4	6	120										
3935	2500	25.0	21.0	230	39.0	10-55		2	4	120	PRODUCED (B)		*EST.1982							
	2640	7.0	17.7			06-66		2	2	60										
	2860	4.0				06-64		1	2	60										
*3929	2600	20.0	18.0	50	38.0	07-51	12-62	2	5	70	GRAV, PRDD (M)		*NO DATA AFTER 1959 +INCL 3930							
*3930	2500	10.0	17.0	130	38.0	05-52	12-62	1	2	30	SH SD, PRDD (M)		*NO DATA AFTER 1959 +WITH 3929							
3878	2490	25.0				02-75		1	6	70	RIVER GRAV (F)		*ESTIMATED							

Table 11. continued

GENERAL INFORMATION				PRODUCTION AND INJECTION STATISTICS (M BBLs)						
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION				
PROJECT NO., OPERATOR	U = UNIT		S - T - R	TOTAL	CUM.	TOTAL	CUM.	TOTAL	CUM.	
* = ABO				1982	12/82	1982	12/82	1982	12/82	
* = P.M.										
*****										
MEW HARMONY C, EDWARDS, WABASH, WHITE										
CONTINUED										
4433	GETTY OIL CO	E.S.OEMMIS "A"	MCCLOSKEY ST LOUIS		192	3004	10.1	95	90	1037
3844	M AMO M OIL CO	J.R. SCHROOT	BIHEL	20,29-2S-13W	10	394*	1.2	46	4	348*
3988	M AMO M OIL CO	WALTERS	TAR SPR	23-1S-13W	140*	2330*	6.3	171	140*	2285*
4242	M AMO M OIL CO	O. R. EVANS	BIHEL	4,5-4S-14W	50*	9769*	1.2	773	50*	736*
			CYPRESS							
			BETHEL							
			AUX VASES							
4354	M AMO M OIL CO	WABASH RIVERBEO U	MCCLOSKEY	33-3S-14W	70**	3423**	1.0*	235*	70**	2361**
			BIHEL							
			CYPRESS							
			AUX VASES							
1043	HOCKING OIL	COWLING WEST	WALTERSBURG	26-2S-14W	35	96	5.5	5	85	96
1022	HUMMON OIL CO.	BROSTER	BETHEL	34-2S-14W	60*	2050*#	4.6	266*	60*	2050*#
*3955	INO. FARM BUR.	LA MOIS-GOINS	CYPRESS	3-2S-13W		62		11		108
3856	J&M OIL CO	SCHAUF	CYPRESS	30-2S-13W	*	*	16.1	169	90*	1010*
*3842	F. JAMES	WAOOLE	CYPRESS	32-1S-13W		+		19**		+
			BETHEL							
3933	JUNIPER PETROLEUM C E MAUD		CYPRESS	32,33-1S-13W;	108	3343	6.3	827	72	4210
			BETHEL	4,5-2S-13W						
*3934	JUNIPER PETROLEUM C W MAUD		BETHEL	32-1S-13W; 5,7-2S-13W		2240*		497		393
*3956	JUNIPER PETROLEUM C COWLING-RABER		BETHEL	17-2S-13W		139		19		26
4416	K W B OIL PROP. MGMT	INDIANA STATE-EVANS	CYPRESS	4-4S-14W	20	270	2.8	73	34	555
*3841	OAVIS LAMBERT	CLELLA EWALO	BETHEL	32-1S-13W		+		34**		+
3886	HERMAN LOEB	M MAUD U	CYPRESS	13,24-1S-14W	120*	3111*	5.2	332	120*	2899*
			OMARA							
4218	HERMAN LOEB	FORO	AUX VASES	20,21,22-4S-14W	*	239*	*	455*		
4294	HERMAN LOEB	GRAT "C", "M"	TAR SPRINGS	17,20,21-4S-14W	100*	5750*	13.6	896*	100*	4558*
			CYPRESS							
			BETHEL							
			AUX VASES							
4305	HERMAN LOEB	FORD "A"	WALTERSBURG	16,21-4S-14W	100*	6276*	8.3	455	100*	662*
			TAR SPRINGS							
			CYPRESS							
			BETHEL							
			AUX VASES							
4329	HERMAN LOEB	M.S. OOMALO	BETHEL	21-4S-14W	100*	1477*	8.6	331	100*	727*
			AUX VASES		+	1541**				
3965	LUBOIL COMPANY	HELM C	BIHEL	22,23,27-3S-14W	90	823*#	13.9*	4634*	180*	23410*
			WALTERSBURG			2306#				
			TAR SPRINGS			1138#				
			CYPRESS			5138#				
			BETHEL			23032#				
			AUX VASES			7038#				
3839	M AMO M OIL CO.	MARK	TAR SPRINGS	33-1N-13W	+	+	1.3	100	15*	575*
3866	M AMO M OIL CO.	COWLING U	BIHEL	19,20,29,30-2S-13W	100	18377*	5.0	2302	100	10635*
			CYPRESS							
3959	M AMO M OIL CO.	KEENSBURG U	CYPRESS	9-2S-13W	*	1364*	*	861*	*	6500*
3961	M AMO M OIL CO.	A E SCHULTZ "A"	CYPRESS	8,17-2S-13W	25	2152*	2.8	470*	140	2242*
			BETHEL		40	2592*				
3949	MOORE ENG	RABER U	BIHEL	19-2S-13W; 24-2S-14W		1300*	**	89		900*
*3843	E. H. MORRIS EST	CEMET	CYPRESS	32-1S-13W		+		62*		+
			BETHEL							
*3838	MURVIN OIL CO.	KURTZ-JOACHIM	CYPRESS	8,17-2S-13W		800*		160**		800*
			BETHEL							
4226	ELMER M NOVAK	CALVIN	CYPRESS	5,8-4S-14W	70*	2924*	9.8*	2938*	170**	6029**
			BETHEL		30*	3162*				
			AUX VASES		70*	11966*				
3861	O H AMO F OIL CO	KEENSBURG U	BIHEL	19-2S-13W	75*	1015*	4.2	135*	75*	1015*
3837	OLDS OIL & CHEM.	COLLINS UNIT	BIHEL	20-2S-13W	13	198	0.9	8*	6	57
			CYPRESS							
3932	OLDS OIL & CHEM.	RISLEY ET AL COM.	BENOIST	21-1S-13W	20	94	1.9	4	13	30
4276	PAM-ARK	O. SMITH 1,4,11	CYPRESS	4-4S-14W	50*	1507*	2.1	126	50*	917*
			BETHEL							
			AUX VASES							
*4275	POOL OIL CO.	CALVIN COMSLO	TAR SPRINGS	9,16-4S-14W		10796		1720		7283
			CYPRESS							
			BETHEL							
			AUX VASES							
3974	PRUOENTIAL OIL	FRIEMOS GROVE U	BIHEL	3-1S-13W; 34-1M-13W	18*	3204*	2.0	222	18*	2166*
			JOROAN							
			CYPRESS							
3985	PRUOENTIAL OIL	FOST-LEY UNIT	BIHEL	3-1S-13W	16*	2303*	1.7	226	16*	2103*
			CYPRESS			473*		131*		233*
*3967	RK PET. CORP.	COWLING U	CYPRESS	23,25,26,35,36-2S-14W		2867		467		605
4317	REBSTOCK OIL CO.	CROSSVILLE LEASE	CYPRESS	20-4S-14W	20*	2874*	1.5	67	20*	1375*
			BETHEL							
			AUX VASES							
4393	REBSTOCK OIL CO.	ONLY "A"	CYPRESS	17-4S-14W	225*	3525*	9.9	240	225*	3008*
			BETHEL							
			AUX VASES							
4401	REBSTOCK OIL CO.	NATIONAL BANK WF U	TAR SPRINGS	20,29-4S-14W	6*	694*	0.4	182	6*	324*
4440	REBSTOCK OIL CO.	LOMAS	WALTERSBURG	14-4S-14W	*	*	5.1	148	*	*
			TAR SPRINGS							
*4455	REBSTOCK OIL CO.	07-788	TAR SPRINGS	20-4S-14W		*		58		*
			AUX VASES							
*3995	HUBERT ROSE	J.W. REISINGER	CYPRESS	4-2S-13W		231*		107*		281*
3962	ROSSI OIL CO.	4 W	CYPRESS	26-1S-13W	50*	1301	7.7	286	50*	1301
*3892	ROTALCO, INC.	SCHROOT STATION MIO U	CYPRESS	34,35-1S-13W		560		123		214*
*4300	ROTALCO, INC.	REEVES UNIT C	CYPRESS	28-3S-14W		2656		161		976
			AUX VASES							
			MCCLOSKEY							
*3895	J. W. RUOT DRLG.	EPLER FLOO	WALTERSBURG	6-2S-13W		1356*		294*		937*
1039	SCHROEDER & SNYDER	J SCHROEDER	BETHEL	22,27-2S-14W	90*	1769*	3.6	106*	90*	1317*
3931	SCHROEDER & SNYDER	SIEGERT BOTTOMS	BEYHEL	2,3,10-3S-14W	25*	4997*	1.2*	835*	25*	2272*
				34,35-2S-14W						



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY	PERM	DIL	DATE	DATE	NO. OF	ACRES	SD=SAND	TYPE										
PRD.	DEPTH	NET	PDR	(HD)=GRAV	FIRST	ABO.	UNDER	GR=GRAVEL	(B)=BRINE									
ND.	(FT)	PAY	(X)	(API)	INJ.	INJ.	PRDD.	INJ.	PRDD=PRODUCED (H)=MIXED									
		(FT)							SH=SHALLOW									
NEW HARMONY C, EDWARDS, WABASH, WHITE																		
CONTINUED																		
4433	2910	12.0	12.0		05-74	1	2	150	PENN SD, PRDD (B)									
	3080	26.0	18.0															
3844	1735	9.0		33.0	6-75	1	2	30	PURCHASED (H)									*EST. SINCE 1980
3988	1945	12.0			08-68	1	5	60	PRODUCED (B)									*ESTIMATED
4242	1530	17.7	14.7	26	10-57	10	4	110	GRAV, PRDD (H)									*ESTIMATED SINCE 1976
	1800	21.0			12-61	5	6	120										
	2660	23.0			12-61	6	5	120										
	2300	19.4			10-49	8	5	170										
	2400	21.2			10-49	4	2	120										
4354	1825	28.0	12.5	20	09-60	8	2	47	SH SD, PRDD (H)									*ILL VALUES ARE 21 PER CENT OF TOTAL, REMAINDER IN POSEY CO INDIANA; *EST SINCE 1976
	2530	35.0	19.0	100		1	2	47										
	2780	29.0	19.2	50		1	2	47										
1043					7-81	2	4	110										*DATA INCDHP
1022	2740	12.0			6-64	2	9*	110	PRODUCED (B)									*EST. *INCL PRIM SINCE 1953
																		*ADJ. TO PRD. 1016 SINCE 53
*3955	2340	7.0		36.0	03-57	01-60	1	2	20	PRODUCED (B)								
3856	2450	20.0			01-70		*	3	30									*ADJ TO EXISTING WF *EST
*3842	2450	10.0			6-54	12-61	+	2*	30	+								*EST. *ADJ TO 3933 1954-61
	2570	11.0					+	2*	30									
3933	2400	8.0	18.5	75	04-52		4	8	170	GRAV, PRDD (H)								
	2520	8.5	17.0	57														
*3934	2620	12.0	17.2	57	36.0	10-50	01-74	20	26	510	GRAV, PRDD (H)							
*3956	2549	15.0			37.0	05-57	12-75	1	1	20	GRAV, PRDD (H)							
4416	2694	30.0	13.0	150		07-67		1	1	20	PENN SD, PRDD (B)							
*3841	2573	12.0			6-54	12-60	+	3	30	+								*EST. *ADJ. TO ACTIVE PRDJS 54-60
3886	2500	11.0	16.5	115	37.0	06-64	2	6	100	PRODUCED (B)								*ESTIMATED
	2850	9.0					1	4	80									
4213	2840	18.3	15.0	20	33.1	01-56	1	2	200	SH SD (F)								*EST; NO DATA SINCE 1968
4294	2220	13.0			35-60		3	2	50	GRAVEL BED (F)								*ESTIMATED + OPERATOR
	2580	11.0					7	5	120									REPORTS LITTLE DIL FROM CYPRESS
	2700	9.0					4	3	70									AND BETHEL
	2840	18.0					9	9	180									
4305	2140	8.4	19.0		37.5	11-60	2	1	40	GRAVEL BED (F)								*ESTIMATED
	2200	9.3	15.5				1	2	40									
	2580	13.3	16.0	32			4	2	80									
	2700	14.7	16.0				1	2	30									
	2820	15.5	15.0	20			5	5	100									
4329	2695	9.0	15.0	15	37.0	09-61	2	4	60	GRAV, PRDD (H)								*EST; *ND INJ. 1978
	2830	20.0	14.0	23	37.0		2	3	105									
3965	1800	15.0			06-59		3	19	40	GRAVEL BED (F)								*INJ. OISC. 1976-80; *INCL ALL PAYS
	2115	25.0	20.1	171	12-50	09-64			80									*CUM. THROUGH 1976
	2150	20.0	17.1	44	04-61				80									
	2335	9.0			11-52				240									
	2640	14.0	17.1	44	12-51				255									
	2640	14.0	17.1	44	12-51				260									
3839	2020	8.0			7-62		+	2	40	+								*EST *ADJ. TO ACTIVE WF SINCE 1960
3866	1700	8.7	19.6	126	37.0	01-65	5	11	526	SH SD, PRDD (H)								*EST. SINCE 1980
	2460	11.1	19.2	59	37.0				801									
3959	2420	22.0	20.0	200		11-58	4	6	270	GRAV, PRDD (H)								*DATA N/A 1982
3961	2424	12.0	19.3	268	38.0	03-59	3	5	100	SH SD, PRDD (H)								*EST. 1972-78
	2540	20.0							100									
3949	1740	15.0	20.6	39	37.0	10-56	1	4	50	SH SD (F)								*EST. 1958-80; *ND PRDD. SINCE 81
*3843	2450	13.0			6-54	12-60	+	4	40	+								*EST. *ADJ. TO PRDJS. 3934 83907-
	2568	21.0					+	4	40									1954-1980
*3835	2440	13.0			6-64*	8-72	2	5	80	PRODUCED (B)								*EST. *ND DATA RECEIVED
	2580	20.0					2	5	80									*ADJ TO 3961 1959-72
4225	2550	10.0			06-57		6	9	180	RIVER GRAVEL (F)								*ESTIMATED; *INCL ALL PAYS
	2660	10.0			11-52		3	4	80									
	2800	15.0			11-52		8	8	160									
3861	1718	12.0			35.9	01-68	1	3	40	PRODUCED (B)								*EST; *INCL PRIM PRD SINCE 1-68
3837	1804	12.0			3-76		1	2	40	SH SD (F)								*INCL PRIM PRD SINCE 1976
	2474	10.0							40									
3932	2555	30.0			35.0	1-80	1	3	80	SHALLOW WATER WELL (P)								
4276	2550	14.0			06-59		3	4	80	SH SD, GRAY (F)								*ESTIMATED
	2680	16.0					1	3	50									
	2807	24.0					1	2	40									
*4275	2210	10.0	7.0	50	09-58	03-74	2	2	50	SH SD, PRDD (H)								
	2575	6.5					4	4	80									
	2700	11.0					10	12	230									
	2810	18.0					10	11	210									
3974	1716	18.0			03-61		2	3	120	GRAV, PRDD (H)								
	1761	16.0	18.0	61														
	2269	13.0																
3985	1710	8.0	15.0	75	32.0	03-61	2	2	70	SH SD, PRDD (H)								*EST. 1982
	2310	14.0	16.0	50		12-64	3	2	60									
*3967	2550	22.0	15.0	36	38.4	08-60	7	4	160	SH SD, PRDD (H)								
4317	2578	19.0			36.0	04-61	1	1	20	SH SD, PRDD (H)								*ESTIMATED
	2672	19.0					1	1	20									
	2845	18.0					2	2	40									
4393	2580	10.0			36.0	07-63	1	1	20	SH SD, PRDD (H)								*ESTIMATED
	2680	13.0					1	2	40									
	2830	10.0					1	2	40									
4401	2330	8.0			04-64		3	5	90	SH SD (F)								*ESTIMATED
4440	2200	20.0			01-68		+	4	40	*ACCIDENTAL OR DUMP F								*EST; *ACCIDENTAL DR DUMP FLOOD
	2125	12.0					+	2	20									
*4455	2370				6-60	07-78	*	3	30	PRODUCED (B)								*ADJ TO 4317 & 4294 SINCE 60
	2966						*	1	10									
*3995	2413	9.0			06-62	12-76	1	1	10	PRODUCED (B)								*ESTIMATED
3962	2303	14.0			35.0	10-59	1	5	60	PRODUCED (B)								*EST. SINCE 1980
*3892	2320	12.0			33.9	10-63	05-70	5	6	180	SH SD, PRDD (H)							*EST 1965-67 DATA ONLY
*4300	2598	18.0			35.6	01-61	01-72	5	4	150	SH SD, PRDD (H)							
	2800	13.0				01-61	01-69	1	2	20								
	2910	10.0				01-61	01-69	1	2	60								
*3895	2075	16.0	20.0	140	36.8	04-63	12-76	3	4	70	PENN SD, PRDD (B)							
1009	2730	20.0			32-69		2	9	130	PENN SD (B)								*ESTIMATED *INCL PRIM SINCE 2-69
3931	2680	18.0	17.0	75	36.0	10-51	6	9	150	GRAV, PRDD (H)								*ESTIMATED SINCE 1976; *



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R						
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.		
* = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82		
NEW HARMONY C, EDWARDS, WABASH, WHITE									
CONTINUED									
*3928 SHAKESPEARE OIL	BRINES U	BETHEL	17-20-21-28-29-1S-13W		8754		1457		5255
4216 JOE SIMPKINS OIL	HON-BUMP-CRAWFORD	CYPRESS	32-33-35-14W-5-4S-14W	80*	3740*	12.3+	815*	200**	5752**
		BETHEL		40*	642*				
		AUX VASES		80*	3734*				
*4217 JOE SIMPKINS OIL	ARROW-MC BRIDE ETAL	MCCLOSKEY	32-33-35-14W-5-4S-14W		762		1		
*4320 JOE SIMPKINS OIL	BOULTINGHOUSE	TAR SPRINGS	9-16-17-4S-14W		12037*		772*		9097*
		CYPRESS							
		SAMPLE							
		BETHEL							
		AUX VASES							
*1016 SKILES OIL CORP.	SIEGERT BOTTOMS	CYPRESS	34-2S-14W		62				
*3957 SKILES OIL CORP.	BROSTER "F"	CYPRESS	35-2S-14W		186		36		42
*4222 SKILES OIL CORP.	SMITH-DAVENPORT	CYPRESS	15-4S-14W		147		4		2
*4287 SKILES OIL CORP.	CALVIN-GRIFFIN	CYPRESS	8-4S-14W		1				27
		BETHEL			109		4		23
		AUX VASES							
*3997 SOMIO PETROLEUM	UPDEGRAFF "A"	AUX VASES	14-3S-14W		429*		104		187
3840 SO. TRIANGLE CO.	TOWNSEN-WOLFE	WALTERSBURG	16-1S-13W	15	310	3.5	51	15	310
3877 SO. TRIANGLE CO.	SOUTH FOROICE U	BETHEL	6-7-8-1S-13W	211	1311	17.5	135	150*	1296*
3896 SPARTAN O AND G	R-HAASE ET AL	OHARA	16-1S-13W	67	187	9.0	31	67	187*
3960 SPARTAN O AND G	BELMONT NORTH UNIT	SALEM	18-1S-13W	47	342*	8.5	74	47*	289*
*3895 STONE OIL CO	AKIN FLOOD	CYPRESS	7-3S-13W		1076		72		453
		BETHEL							
		AUX VASES							
		MCCLOSKEY							
*4223 SUN OIL CO.	GREATHOUSE	MCCLOSKEY	33-4S-14W, 4-5S-14W		1038		129		227
*4269 SUN OIL CO.	FORD "A" WATERFLOOD	MCCLOSKEY	18-5S-14W		58		13		1
*4235 SUPERIOR OIL CO.	KERN-HON UNIT	TAR SPRINGS	32-33-4S-14W		1986		536		891
4236 SUPERIOR OIL CO.	NEW HARMONY FIELD U	AUX VASES	21-27-28-29-32-33-34-4S-14W, 3-4-5S-14W	123	16876*		*		*
4237 SUPERIOR OIL CO.	NEW HARMONY FIELD U	BETHEL	26-27-28-29-32-33-34-4S-14W, 3-4-5S-14W	25	32489*		*		*
4238 SUPERIOR OIL CO.	WALTERSBURG SAND UNIT	WALTERSBURG	4-5-9-5S-14W	423*	22352*	15.7**	1631**	278**	3798**
4302 SUPERIOR OIL CO.	N.H.R. UNIT	TAR SPRINGS	9-5S-14W	12	397	4.3	68		22
4311 SUPERIOR OIL CO.	NORTHEAST UNIT	WALTERSBURG	14-22-23-26-27-34-4S-14W	338	1863	66.6*	3045*	1115*	17651*
		TAR SPRINGS		347	2545*				
		CYPRESS		793	14248				
		BETHEL			268#				
		AUX VASES			1836#				
		MCCLOSKEY		1114	6946*	21.1	227*	481	3820*
4326 SUPERIOR OIL CO.	H. E. GIVEN	MCCLOSKEY	33-34-4S-14W	215	881	10.3	86	107	460
		ST LOUIS		*	75				
4390 SUPERIOR OIL CO.	NEW HARMONY FIELD U	JAMESTOWN	27-28-29-32-33-34-4S-14W, 3-4-5S-14W	*	1691				
		CYPRESS		3659*	77969*	194.1	16653	3774	77059
4391 SUPERIOR OIL CO.	NEW HARMONY FIELD U	WALTERSBURG	27-28-29-32-33-34-4S-14W, 3-4-5S-14W	1576*	16670	*	*	*	*
		TAR SPRINGS		217*	5463	*	*	*	*
4454 SUPERIOR OIL CO.	SOUTHWEST UNIT	MCCLOSKEY	33-4S-14W, 3-4-5S-14W	548	3516	35.2	186	112	379
		ST LOUIS		*	348				
3948 A. K. SWANN	HEIL	CYPRESS	7-18-3S-13W	95*	3484	10.6	752	75*	1414
*4333 TEXACO, INC.	BRAMLETT	TAR SPRINGS	17-4S-14W		163		*		*
*4334 TEXACO, INC.	BRAMLETT	CYPRESS	17-4S-14W		443		*		*
*4371 TEXAS AMERICAN	FORD	AUX VASES	21-4S-14W		229		131		44
3910 UNIVERSAL OPTNG	PARMENTER	CYPRESS	5-2S-13W	15*	364*	2.0	39	15*	364*
		BETHEL							
3986 UNIVERSAL OPTNG	BUMP	CYPRESS	4-2S-13W	150*	2895*	18.1	379	150*	2875*
		BETHEL							
4459 VIKING OIL	GREG KEMPF	WALTERSBURG	18-5S-14W	32	59	18.2	44	32	59
4290 WABASH OIL	M E GLAZE COOP	TAR SPRINGS	8-17-4S-14W	*	443*	7.0*	661*	80**	3066**
		CYPRESS		*	366*				
		BETHEL		*	2352*				
		AUX VASES		*	1207*				
4341 WEST DRILLING CO	O. EVANS	MCCLOSKEY	4-4S-14W	30*	1551*	1.4	160	30*	431*
*1028 GEORGE WICKHAM	SCHROEDER	WALTERSBURG	26-27-2S-14W		1942*		283*		528*
		CYPRESS							
*3981 CHARLES P. WOOD	G A STURMAN	BETHEL	10-1S-13W		398		76		119
		CYPRESS							
NEW HAVEN C, WHITE									
*4247 ATLANTIC RICHFLD	NEW HAVEN U	TAR SPRINGS	17-18-19-2J-7S-11E		1844		696		73
		CYPRESS							
*4351 FRMERS PETR COOP	WASEM	TAR SPRINGS	24-7S-10E		590*		22		155
*4388 FRMERS PETR COOP	DEAD RIVER UNIT	TAR SPRINGS	13-18-7S-10E		828		452		336
4289 JUNIPER PETROLEUM C		CLORE	7-7S-11E, 7-7E-14W	9*	616	0.4*	54	6*	207
		WALTERSBURG							
		TAR SPRINGS							
		CYPRESS							
4278 SAND CREEK PROD. CO.G.N.	BOETTICHER	CYPRESS	19-7S-11E	101	567	11.4	231	109	574
NEW MEMPHIS, CLINTON									
417 ELMER OELZE	NEW MEMPHIS SEC.REC.	DEV-SIL	33-34-1N-5W, 3-4-1S-5W	500*	10015*	21.6	439	500*	7695*
OAKDALE, JEFFERSON									
*2029 FAIRWAY PETROLEUM	HORRELL-NOVAK	AUX VASES	11-14-1S-2S-4E		1275*		85*		1295*
*2014 TEXACO, INC.	GREEN-VANDERHEID	AUX VASES	12-2S-4E		534		17		247
OAKDALE N, JEFFERSON									
2018 FRMERS PETR COOP	NORTH OAKDALE UNIT	MCCLOSKEY	3-2S-4E	146	2070	1.8	354	180	1998
OAK POINT, CLARK, JASPER									
* 223 M AND E ORLG. CO	B. FINNEY	AUX VASES	31-9N-14W		73		7		81
* 225 M AND E ORLG. CO	FINNEY-PING-WARD	AUX VASES	30-31-32-9N-14W	40*	4245*	0.9	212	40*	3924*
OOLIN, MARION									
2600 OORAN OIL PROP.	OOLIN UNIT	CYPRESS	1-12-13-2N-1E, 6-7-18-2N-2E	423	9500*	2.4	1329*	423	1237**

RESERVOIR STATISTICS (AV. VALUE)				DEVELOPMENT AS OF 12-31-82				INJECTION WATER				REMARKS
FIELD, COUNTY		PERM.	OIL	DATE	DATE	NO. OF	ACRES	SOURCE	TYPE			
PRDJ.	DEPTH	NET	POR	(MD) GRAV	FIRST	ABO.	UNDER	GR=GRAVEL	(B)=BRINE			
ND.	(FT)	PAY (X)	(API)	INJ.	INJ.	PRDO.	INJ.	PRDD=PRODUCED	(H)=MIXED			
								SD=SAND	(F)=FRESH			
								SW=SHALLOW				

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Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL/S)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER	OIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R		INJECTION	PRODUCTION	PRODUCTION			
* = ABO					TOTAL	CUM.	TOTAL	CUM.	TOTAL	CUM.
* = P.H.					1982	12/82	1982	12/82	1982	12/82
OLO RIPLEY, BONO										
6 FARRAR OIL CO.	RIPLEY U	PENN	21,28-5N-4W		158	1416*	5.6	102	21	456*
8 FARRAR OIL CO.	SOUTH ENO WATERFLOOD	PENN	21,22-5N-4W		76	76	2.7	3	19	19
OLNEY C, JASPER, RICHLAND										
*3426 BELL BROTHERS	OUNDAS SOUTH UNIT	SPAR MTN	3,10-4N-10E			4020		226		3090
*3435 O T DRILLING	NORTH OLNEY U	SPAR MTN	28,32-4N-10E			330*		31*		31*
*3407 GULF OIL CO	EAST OUNOAS UNIT	MCCLOSKEY	25,26,35,36-5N-10E			933		152		207
*1903 ILL. LSE. OP.	BESSIE	MCCLOSKEY	23-5N-10E			251*		44*		225*
*3414 J. W. RUDY ORLG.	STIFF	MCCLOSKEY	34-5N-10E			159		33		54
*1904 SOMIO PETROLEUM	DUNOAS EAST UNIT	OHARA	14-5N-10E			2003		142		1378
*3408 TEXACO, INC.	EAST OLNEY	MCCLOSKEY	23,24,25,26-4N-10E			3834		269		1236
3420 TEXACO, INC.	OLNEY WATER FLOOD	MCCLOSKEY	27-4N-10E		55	5196	1.4	663	52	4128
*1914 TRI-STATE CASING	MILLER-EUNICE	MCCLOSKEY	23-5N-10E			1339		57		908
OLNEY S, RICHLAND										
*3422 M V RING	KURTZ-MARTZ	MCCLOSKEY	28-3N-10E			32				
OMAHA, GALLATIN										
1463 EXXON	OMAHA	PALESTINE	33-7S-8E, 4-8S-8E		594	12839	44.8	970	531	8539
		TAR SPRINGS								
		AUX VASES								
1437 T. W. GEORGE EST.	OMAHA S UNIT	AUX VASES	34-7S-8E, 3,4-8S-8E		230*	4704	6.0	750	40*	1400
*1414 HUMBLE O AND R	OMAHA	PALESTINE	33-7S-8E, 4-8S-8E			5763		3119		4436
1439 JUNIPER PETROLEUM C	CANE CREEK U	AUX VASES	4-8S-8E		*	1193	0.2	62	*	584
*1434 NAPCO	PHILLIPS FLOOD	CYPRESS	32-7S-8E			40		7		2
1447 GEORGE PAYNE	OMAHA S PALESTINE U	PALESTINE	32-7S-8E		137*	1267	5.0	89	85*	337
1448 GEORGE PAYNE	OMAHA S UNIT	HARDINSBURG	31,32-7S-8E, 5,6-8S-8E		121*	2969	8.4	134	35*	869
		CYPRESS								
		OHARA								
		SPAR MTN								
OMAHA S, GALLATIN, SALINE										
*1432 DAVIO ROTSTEIN	WOOLARD	CYPRESS	7-8S-8E			164				
OMAHA W, SALINE										
3623 ILL. MID-CONT.	OMAHA WEST	SAMPLE	36-7S-7E, 1-8S-7E, 6-8S-8E		140*	2758*	10.0	190	140*	2553*
ORCHARDVILLE, WAYNE										
4050 ALENE BLADES	LEE, SHELTON & ELLIS	OHARA	28,32,33-1N-5E		40*	330*	4.0	41	40*	330*
4093 RAYMAC PETROLEUM CO.	ORCHARDVILLE	AUX VASES	29-1N-5E		16	468	0.2	111		
ORIENT, FRANKLIN										
1335 V. R. GALLAGHER	ORIENT	AUX VASES	9-7S-2E		30*	578	1.8	208	15*	201
OSKALOOSA, CLAY										
342 IVAN R. JONES	OSKALOOSA UNIT	AUX VASES	26,27,34,35-4N-5E		25*	2130*	0.7	139	25*	862*
* 307 TEXACO, INC.	OSKALOOSA UNIT	MCCLOSKEY								
		BENOIST	26,27,34,35-4N-5E			158		1219		3393
PANA, CHRISTIAN										
107 COLLINS BROS.	PANA	BENOIST	34,35-12N-1E, 3-11N-1E		20	105*	15.1	67	20	135*
PARKERSBURG C, EDWARDS, RICHLAND										
*3432 ACME CASING	RIDGLEY	MCCLOSKEY	30-2N-14W			82		7		44
*3415 REVIS D. CALVERT	PARKERSBURG	MCCLOSKEY	16,21-2N-14W			137		26*		43
*3424 CONTINENTAL OIL	KOERTGE "B"	BETHEL	30-2N-14W			179		6		25
*3409 MARATHON OIL CO.	PARKERSBURG U	MCCLOSKEY	8-3N-9E			5134*		159*		1859*
*1017 V. T. ORLG. CO.	PARKERSBURG U	CYPRESS	6-1N-14W, 31-2N-14W			911*		145*		470*
1041 VIKING OIL	ANDERSON BROS B	MCCLOSKEY	7-1N-14W		46	77	0.1	1	46	77
PASSPORT S, CLAY, RICHLAND										
*3417 CONTINENTAL OIL	PASSPORT SOUTH UNIT	CYPRESS	18-4N-9E			406		43		76
PATOKA, MARION, CLINTON										
2639 FEAR AND OUNCAN	NW PATOKA	BENOIST	19,20-4N-1E		150*	6025*	5.9	300*	150*	6025*
2614 GULF OIL CO	W. PATOKA TRENTON U	TRENTON	1-3N-1W		71	9801	3.1	597	71	9820
			6-3N-1E, 31,32-4N-1E							
*2601 KARCHMER PIPE	PATOKA BENOIST	BENOIST	20,21,28,29-4N-1E			68093		6542		48046
2602 KARCHMER PIPE	PATOKA ROSICLARE	SPAR MTN	21,29,29-4N-1E		90*	5577*	3.9	1618	90*	6772*
*2603 KARCHMER PIPE	STEIN UNIT	CYPRESS	28-4N-1E			220		63		228
PATOKA E, MARION										
2638 HIGHLAND OIL CO	THALMAN	CYPRESS	35-4N-1E		*	*	10.7	276	70*	1510*
*2629 MOBIL OIL CORP.	F M PEDDICORO	CYPRESS	34-4N-1E			138		7		9
2616 FREQ SEIP	HILL	CYPRESS	26-4N-1E		+	+		98	50*	535*
2631 SHELL OIL CO.	EAST PATOKA UNIT	CYPRESS	34-4N-1E		524	14082*	16.8	667	708	10165*
		BENOIST								
PATOKA S, MARION										
2640 E. M. SELF	OELAY	CYPRESS	9-3N-1E		*	*	1.6	114*	16*	1242*
2627 JOE SIMPKINS OIL	PATOKA SOUTH	CYPRESS	4,5,8,9-3N-1E		200*	13060*	9.4	1101	200*	7398*
2619 TRI STAR PROD CO	BENOIST-SANOSTONE U	BENOIST	5-3N-1E		270*	3000*	9.2	99	210*	2694
PHILLIPSTOWN C, EDWARDS, WHITE										
4395 ABSHER OIL CO	GARFIELLO-PARSON	AUX VASES	7-4S-14W		60*	2578*	2.3	327	60*	1585*
4323 N. A. BALORIDGE	MICHAELS-GREEN-STURM	CYPRESS	30-3S-14W		5*	360*	0.2	15	5*	291*
		BETHEL								
4257 BARGER ENG	PHILLIPSTOWN U	AUX VASES	6-5S-11E		140	2702	4.0	201	100	2455
4288 BARGER ENG	CALVIN NORTH	TAR SPRINGS								
		OHARA	25,36-3S-10E		65	393	3.6	20	25	100
4414 BARGER ENG	CLEVELAND	DEGONIA	36-4S-10E, 1-5S-10E,		250	4475	2.4	434	10*	3673*
		TAR SPRINGS	31-4S-11E							
4432 BARGER ENG	PHILLIPSTOWN	PENN	31-4S-11E, 36-4S-10E		800	6636	118.3	1258	950	7499
		TAR SPRINGS								



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER				
FIELDO, COUNTY										ND. OF				SOURCE				
PROJ. * OEPMT * NET * POR * (MO) * GRAY * FIRST * ADO. *										WELLS * ACRES * UNOER * GR=GRAVEL * (F)=FRESH * (B)=BRINE *				PROO=PRODUCEO (M)=MIXEO * SM=SMALLOW *				
NO. * (FT) * PAY * (X) * * (API) * INJ. * * INJ. * PROO. * INJ. * PROO=PRODUCEO (M)=MIXEO * SM=SMALLOW *																		REMARKS
OLD RIPLEY, BOND																		
6	600	20.0			36.0	09-37	11	21	110	SM SO, PROD (M)								*SO 1962-73
8						9-81	13	14	335									*DATA INCOMP.
OLNEY C, JASPER, RICHLAND																		
*3426	2991	4.7	15.4	281	40.0	09-63	01-73	10	7	740	PENN SO (B)							
*3433	2930	6.0				09-66	12-72	3	4	210	SM SO, CREEK (F)							*ESTIMATED SINCE 1967
*3407	2983	6.0	12.3		41.4	10-36	09-62	5	4	220	PENN SANO (B)							
*1903	2923	5.0	12.0			01-61	10-72	1	1	80	PRODUCEO (B)							*INACTIVE 1970-1972
*3414	2933	7.0			40.0	04-66	01-72	2	2	90	CYPRESS, PROO (B)							
*1904	2900	8.0			35.0	04-53	03-61	4	7	120	CYPRESS (B)							
*3408	3100	3.3	13.8	522	37.0	03-51	04-71	6	16	458	PRODUCEO (B)							
3420	3000	13.0	13.9	500	37.0	11-46		1	2	280	PRODUCEO (B)							
*1914	2940	14.0	16.8	773	40.0	05-54	12-66	1	1	40	PRODUCEO (B)							
OLNEY S, RICHLAND																		
*3422	3130	6.0				06-61	01-62	1	4	30	CYPRESS (B)							
OMAHA, GALLATIN																		
1443	1700	17.0	18.9	427	31.0	02-69		7	16	425	PRODUCEO (B)							
	1950	20.0	16.4	20				1		100								
	2650	10.0	9.2	3				1		30								
1437	2710	12.0	12.0		41.5	10-65		4	4	233	PENN SO (B)							*EST.1982
*1414	1700	17.0	18.9	427	26.0	10-44	02-69	1	16	280	PRODUCEO (B)							
1439	2678	30.0			37.6	11-63		1	1	20	SM SO, PROD (M)							*INJ.OISC
*1434	2760	20.0			37.0	03-65	11-66	1	1	20	CREEK, PROO (M)							
1447	1723	9.3	17.0	50	27.1	12-71		3	3	133	PRODUCEO (B)							
1448	2175	12.0	14.0	10	33.0	03-71		6	9	370	SM SANO (F)							
	2375	3.0	15.0	30	36.0													
	2723	4.0	13.0	60	37.3													
	2780	4.0	13.0	20	37.3													
OMAHA S, GALLATIN, SALINE																		
*1432	2541	19.0	12.9	24	27.0	10-60	12-63	1	1	20	TAR SPRINGS (B)							
OMAHA W, SALINE																		
3623	2700	10.0				06-68		1	7	100	PRODUCEO (B)							*ESTIMATED
ORCHAROVILLE, WAYNE																		
4050	2880	9.0				7-75		3	3	70	PRODUCEO(B)							*ESTIMATED
4093	2835	10.0				08-65		1	1	40	SM SO, PROO (M)							
ORIENT, FRANKLIN																		
1333	2670	13.0	18.9	75	38.9	10-66		1	1	40	TAR SPRINGS, PROD (B)							*EST SINCE 1981
OSKALOOSA, CLAY																		
342	2641	10.0	13.0		37.0	12-63		3	3	100	PENN SO, PROO (B)							*ESTIMATED SINCE 1972
	2742	11.0			37.0			3	3	100								
* 307	2600	14.2	13.6	54	37.0	01-53	10-68	9	4	396	PENN SO, PROO (B)							
PANA, CHRISTIAN																		
107	1453	5.0				3-77		1	7	90	PRODUCEO(B)							*AOJUSTEO BY OPERATOR
PARKERSBURG C, EDWARDS, RICHLAND																		
*3432	3190	8.0				04-65	02-69	1	3	80	PRODUCEO (B)							
*3415	3060	10.0				01-35	01-56	2	7	160	PRODUCEO (B)							*INCL PRIM PROO 1-55 TO 1-56
*3424	2960	15.0				09-59	07-64	1	1	20	PRODUCEO (B)							
*3409	3130	8.0	18.0	800		03-55	12-64	5	3	200	CYPRESS, PRDO (B)							*INCL 3416
*1017	2770	14.8	16.8	120	37.2	02-59	12-68	3	8	256	PENN SO, PROO (B)							*ESTIMATED 1965-68
1041		10.0	10.0		40.0	5-81		1	1	20	FRESH & PROO (M)							
PASSPORT S, CLAY, RICHLAND																		
*3417	2700	8.0	15.0	60		07-59	06-64	2	2	100	PENN SO, PROO (B)							
PATOKA, MARION, CLINTON																		
2639	1443	10.0				01-66		2	13	160	PRODUCEO (B)							*EST *INCL PRIM PROO
2614	3930	17.0	8.0	3	43.0	06-61		3	3	520	PENN SO, PROO (B)							
*2601	1410	27.0	19.0	110	39.0	09-43	12-70	40	47	527	PRODUCEO (B)							
2602	1350	9.0	18.8	223	40.0	07-48		21	12	445	PRDDUCEO (B)							*ESTIMATED SINCE 1971
*2603	1280	10.0	21.0	32	39.0	08-31	12-70	6	2	61	PRDDUCEO (B)							
PATOKA E, MARION																		
2638	1340	13.0				06-63		*	10	100								*AOJACENT TO ACTIVE W.F.; *EST
*2629	1370	19.0	19.2	62	38.6	06-66	01-68	2	1	30	TAR SPR, PROO (B)							*EST.*AOJ. TO 2631 SINCE 63
2616	1360	14.0				2-65		+	4	40	+							*AOJUSTEO BY OPERATOR
2631	1330	18.0	20.0	139	36.0	06-63		7	12	150	TAR SPR, PROD (B)							
	1463	11.0	18.0	120														
PATOKA S, MARION																		
2640	1330	7.0				10-64		*	4	80								*AOJ.ACT.WF *EST #INC PRIM 64-77
2627	1360	13.1				08-64		29	29	580	TAR SPR, PROO (B)							*ESTIMATED
2619	1436	14.0			36.5	02-64		5	8	200	TAR SPR, PROO (B)							*EST.1982
PHILLIPSTOWN C, EDWARDS, WHITE																		
4395	2883	15.0			39.3	04-61		1	3	222	PENN SO, PROD (B)							*ESTIMATED SINCE 1971
4323	2700	10.0				06-68		1	2	30	PENN SO (B)							*ESTIMATED SINCE 1971
	2823	6.0						1	2	30								
	2920	10.0						1	3	40								
4237	1928	16.0			36.0	12-69		3	2	80	PRODUCEO (B)							
	2300	7.0				02-56												
4288	2890	12.0	16.0	30	36.5	3-78		2	4	130	SM SO, PROD (M)							
	3050	8.0	14.0	220	38.6													
4414	1935	15.0				11-67		3	2	110	PRDDUCEO (B)							
	2385	7.0				05-65												
4432	1350	20.0	20.0	200	36.0	11-73		22	34	320	RIVER GRAVEL (F)							
	2300	20.0	18.0	20														



Table 11. continued

GENERAL INFORMATION					* PRODUCTION AND INJECTION STATISTICS (M BBLs) *				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION		
PROJECT NO., OPERATOR	U = UNIT		S - T - R						
* = ABO					* TOTAL * CUM.	* TOTAL * CUM.	* TOTAL * CUM.		
* = P.H.					* 1982 * 12/32 *	* 1982 * 12/32 *	* 1982 * 12/32 *		
*****									
PHILLIPSTOWN C, EDWARDS, WHITE									
CONTINUED									
4432 BARGER ENG		AUX VASES							
4249 C. E. BREHM	PHILLIPSTOWN UNIT	PENN	19,30-4S-14W,		20	1926	2.0	219	20 70*
		CYPRESS	30-4S-11E						
*4251 BRITISH-AMERICAN	N CALVIN UNIT	PENN	31-3S-14W			3686		1215	2777
4349 R. G. CANTRELL	PHILLIPSTOWN U	OEGONIA	1-5S-10E, 6-5S-11E	100**	2848*	6.3	552	100*	1507*
		TAR SPRINGS							
*4344 COY OIL CO	GREEN	BETHEL	30-3S-11E			61		11	8
*4319 OUNCAN LSE+ROY	METCALF	BIHEL	31-3S-14W			630		30	
4298 EASON OIL CO.	CLARK WATERFLOOD	CLARK	30-4S-11E	57*	4380*	3.9**	42**	63**	2334**
		OEGONIA							
		BETHEL				1132*			
		AUX VASES							
1029 FEAR AND OUNCAN	JOHNSON COOP	HCCLOSKEY	18-3S-11E	50*	1798*	3.9	109	50*	866*
4243 FISK & FISK	RAWLINSON 7	OEGONIA	29-3S-14W	30*	1359*	4.2	138	80*	1283*
		CLORE							
		CYPRESS							
		BETHEL							
		AUX VASES							
4245 FISK & FISK	MORRIS	HCCLOSKEY							
4343 FISK & FISK	SEIFRIED WF	CYPRESS	29-3S-14W	10*	231	0.2*	25	10*	231
		BIHEL	30-3S-11E	60*	2065*	2.5	130	60*	1152*
		BETHEL							
*4373 V. R. GALLAGHER	CLEVELAND TAR SPRGS U	TAR SPRINGS	25-4S-10E			376		185*	146
4387 V. R. GALLAGHER	KUYKENOALL	CLARK-BROGPT	25-4S-10E	60	3041*	5.1	358	40	1150*
		BUCHANAN							
		OEGONIA							
4224 GETTY OIL CO	N PHILLIPSTOWN	PENN	18,19-4S-11E	219	6737	20.6	4996	222	3753
		OEGONIA							
		CLORE							
*4370 GETTY OIL CO	OENNIS "B" DEEP	BETHEL	18-4S-11E			127		1	14
		AUX VASES							
		HCCLOSKEY							
4458 JUNIPER PETROLEUM C CLEVELAND		TAR SPRNGS	36-4S-10E	20	96	21.0	100*	18	71*
4284 K W B OIL PROP. HIGHTARNOLO		PENN	6-4S-14W	427	5714	23.2	1111	361	4361
		WALTERSBURG							
		AUX VASES							
*4277 KIRBY PETROLEUM	W.P.B.S. UNIT	BETHEL	26,35-4S-10E			1791		160	949
*4250 MOBIL OIL CORP.	GRAYVILLE U	CYPRESS	20,29-3S-14W			737		144	552
*4252 MOBIL OIL CORP.	N CALVIN	BIHEL	30,31-3S-11E			1156		426*	499
*4369 E. M. MORRIS EST	MORRIS A, B	CYPRESS	19,30-3S-11E			109*		3*	
4342 ELMER H N VAK	N CALVIN BIHEL U	BIHEL	31-3S-14W	20*	924*	0.5	51	20*	792*
4417 PAUL ORTHAN	CECIL & GILLISON	BIHEL	31-3S-14W	35*	202*	2.2	65*	35*	187*
4421 LOUIS PESSINA	PHILLIPSTOWN FLOOD	BIHEL	19,30-3S-14W	250*	4596*	9.0	450	175*	2744*
4215 PHILLIPS PET. CO	KERN U	TAR SPRINGS	35,36-4S-10E,	13*	1638	4.2	159	9*	163
		AUX VASES	1,2-5S-10E						
*4254 PHILLIPS PET. CO	LAURA	BETHEL	19-4S-11E			197		16	51
4255 PHILLIPS PET. CO	PHILLIPSTOWN UNIT	PENN	30-4S-11E, 31-4S-14W	*	2128	8.2	455	*	523
		BETHEL							
		AUX VASES							
4225 SAND CREEK PROD. CO.CARR-RENSHAW		CLORE	18-4S-14W	221	645*	17.7	362	97	705
		AUX VASES							
		HCCLOSKEY							
*4232 SKILES OIL CORP.	L.O. CLEVELAND	TAR SPRINGS	36-4S-10E			48			
*4256 SUN OIL CO.	PHILLIPSTOWN U	CLORE	6-5S-11E			234		110	58
*4270 SUN OIL CO.	PHILLIPSTOWN	TAR SPRINGS	6-5S-11E			53			251
*4315 TEXACO, INC.	PHILLIPSTOWN COOP	BETHEL	18-4S-14W			939		17	139
		AUX VASES							
		HCCLOSKEY							
4460 VIKING OIL	CROSSVILLE EAST UNIT	TAR SPRINGS	24,25,26-4S-10E	29	29	1.0	1	39	39
*4253 WEST DRILLING CO	FLORA UNIT	OEGONIA	24-4S-10E			1471*		129*	1039*
4306 WEST DRILLING CO	LAURA JOHNSON	OEGONIA	19-4S-11E	70*	656*	6.1*	102*	145**	1397**
		AUX VASES		35*	403*				
		OHARA		40*	444*				
*****									
PHILLIPSTOWN S, WHITE									
*4357 REBSTOCK OIL CO.	GIVEN-BROWN	TAR SPRINGS	11-5S-10E			615*		146	234*
*****									
RACCOON LAKE, MARION									
*2617 TEXACO, INC.	RUSICLARE-HCCLOSKEY U	SPAR HTN	3-1N-1E			1844		187	1909
		HCCLOSKEY							
2626 TEXACO, INC.	RACCOON LAKE UNIT	CYPRESS	3-1N-1E	351	5306	6.3	110	354	6554
		BENOIST			539				
*****									
RALEIGH, SALINE									
*3615 WALTER OUNCAN	SPURLOCK	CYPRESS	2-8S-6E			157*		53*	82*
3617 FARRAR OIL CO.	RALEIGH UNIT	CYPRESS	35-7S-6E, 2-8S-6E	50*	5291*	2.3	961	60*	975*
*3605 KEWANEE OIL CO.	RALEIGH U	AUX VASES	10,15,16-8S-6E			1874		282	964
*****									
RALEIGH S, SALINE									
*3627 BUFAY OIL CO	HARRISBURG NORTH U	WALTERSBURG	27-8S-6E			204		6	38
3618 HERMAN GRAHAM	S. RALEIGH U	AUX VASES	20-8S-6E	110*	3396*	4.1	270	110*	2634*
*3604 ILL. MID-CONT.	RALEIGH UNIT	AUX VASES	20-8S-6E			1246*		64*	800*
3616 RICHARD M. URASH	LEITCH ETAL	AUX VASES	20,21,28,29-8S-6E	25*	1390*	1.2	118	25*	374*
*****									
RAYMOND E, MONTGOMERY									
*2900 OARE PETROLEUM	FOSTER-POGGENPOHL	PENN	15,22-10N-4W			38*		6*	15*
*****									
RESERVOIR, JEFFERSON									
*2030 FRMERS PETR COOP	WHITSON	HCCLOSKEY	21-1S-3E	*	425*			65*	425*
2031 BURRELL G. MINOR	JOHNSN, HULVNY-SLEOGE	HCCLOSKEY	28,33-1S-3E	15*	565*	3.7	99*	15*	565*
*****									
RICHVIEW, WASHINGTON									
4016 NICK BABARE	CANTRELL-HARTOCCIO	CYPRESS	2-2S-1W			25*		55	499*
4015 N. A. BALORIDGE	RICHVIEW	CYPRESS	2-2S-1W			75*		575	3203*
4012 C. T. EVANS	RICHVIEW UNIT	CYPRESS	2-2S-1W	530*	10125	4.5	466*	200*	3575
4017 E. M. SELF	SKIINSKI	CYPRESS	10-2S-14W	5*	441*	0.1	47	5*	356*
4014 GEORGE THOMPSON	THOMPSON	CYPRESS	35-1S-1W, 2-2S-1W	50*	5459*	3.7	350	50*	3274*

[illegible]123

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBL)				
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	OIL	WATER			
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION			
* = ABO									
* = P.M.									
				TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
				1982 * 12/82	1982 * 12/82	1982 * 12/82			
*****									
ITTER N, RICHLAND									
*3430 ZANETIS OIL PROP	SE OLNEY U	SPAR MTN	18-3N-1E		92	5		54	
ROACHES N, JEFFERSON									
*2009 TEXACO, INC.	ROACHES NORTH UNIT		5,8-2S-1E		2590	30		2081	
ROCHESTER, WABASH									
3968 R.B. EVANS OIL CO.	KENNARO	PENN	14-2S-13W	*	11592*	*	783*	*	4585*
3970 R.B. EVANS OIL CO.	NORTH ROCHESTER U	WALTERSBURG	11,14-2S-13W	*	3990*	0.4	458	*	1864*
3972 R.B. EVANS OIL CO.	ROCHESTER COOP	PENN	14-2S-13W	*	8629*	0.4	289	*	2079*
ROLANO C, GALLATIN, WHITE									
4314 ABSHER OIL CO	NORRIS CITY	HAROLINSBURG	11,14-6S-8E	8*	644*	2.0*	66	8*	241*
*4435 N. A. BALORIOGE	PORTER	WALTERSBURG	12-7S-8E		522		39		522
		CYPRESS							
4350 WM. & P. BECKER	S ROLANO U	AUX VASES							
4413 WM. & P. BECKER	CROZIER-SILLIMAN	CYPRESS	10,11-7S-8E	85	1135*	4.2	76	85	902*
4324 ENERGY RESOURCES	N ROLANO U	AUX VASES							
*1418 EXXON	S. ROLANO	HAROLINSBURG	36-5S-8E	35*	908*	3.9	64	35*	908*
4258 EXXON	S.W. ROLANO	AUX VASES	35-6S-8E, 2-7S-8E	10*	217*	0.6	13	10*	202*
		AUX VASES	16,21,22-7S-8E		1583*		198		896
4266 EXXON	ROLANO AREA U I	WALTERSBURG	14,15,16-7S-8E	279	40901	37.5	2931	870	15559
		AUX VASES							
		CYPRESS	2,11-7S-3E	181	10675	25.8	1626	562	11057
		BETHEL							
4436 FARRAR OIL CO.	MARTIN	AUX VASES							
4396 FEAR AND OUNCAN	MOBLEY-GREER	AUX VASES	13-7S-8E	100*	1245*	4.2	89	100*	1245*
*4361 F. J. FLEMING	OVERNER UNIT WF	TAR SPRINGS	25-6S-8E	75*	806*	6.4	85	75*	733*
*4262 T. W. GEORGE EST.	PANKEY-MOOREHEAD UNIT	WALTERSBURG	12,13-7S-8E		1458		80		888*
*4259 HUMBLE O AND R	STOKES U	CYPRESS	17,20-7S-8E		55*				
4375 LOOK OIL CO	ATCHLEY	HAROLINSBURG	5,8-6S-9E		755		543		1270
*4347 E. F. MORAN, INC	NORRIS CITY	CLORE	17-6S-9E	40*	773*	2.0	45	40*	529*
		CYPRESS	33-6S-8E		771		15		
*1446 MURVIN OIL CO.	ROLANO POOL U	BETHEL	24-7S-8E		1307*		57*		521*
4419 MURVIN OIL CO.	RCLANO	CYPRESS	13,14,24-7S-8E	100*	2133*	5.3	190	100*	1638*
		BETHEL							
*4407 NAPCO	HUGHES FLOOD	AUX VASES							
4403 NATIONWIDOL ENERGY	ROLANO U	CYPRESS	4,9-6S-9E		458		14		164
		CYPRESS	1,12,13-7S-8E	200*	4245*	10.0	300	200*	2004*
		BETHEL							
*4418 OENNIS PAINE	COLLINS-ANDERSON	AUX VASES							
4422 PETRO INTERNATIONAL	GENTRY & LOWRY	BETHEL	16-7S-8E		193*		42*		81*
		TAR SPRINGS	13-6S-8E	30*	1823*	0.9	141*	30*	1345*
		CYPRESS							
4310 REBSTOCK OIL CO.	GEN AMER LIFE	CLORE	1-7S-8E	180*	3927*	2.8	156	180*	3206*
		WALTERSBURG							
		CYPRESS							
		BETHEL							
*1413 ROYALCO, INC.	OMAHA U	AUX VASES							
*4318 ROYALCO, INC.	E. ROLANO	WALTERSBURG	20,21,28,29-7S-8E		12070		593		3896
4214 SANO CREEK PROO.	CO.ROLANO POOL U AREA II	AUX VASES	2,3-7S-8E		1702		107		425
		CLORE	1,2,11,12,13,14-7S-8E	2200*	59519	32.4	3597	2700*	34126
		WALTERSBURG	36-6S-8E						
		TAR SPRINGS							
		CYPRESS							
		BETHEL							
4244 SANO CREEK PROO.	CO.ROLANO WEST U	AUX VASES							
		CYPRESS	4,9-7S-8E	600*	7401*	15.4	438*	400*	4747*
		BETHEL							
*4261 SHELL OIL CO.	IRON UNIT	AUX VASES							
4322 JOE SIMPKINS OIL	ROLANO POOL U	SPAR MTN							
		HAROLINSBURG	23,24,25-6S-8E		18512		2254		9380
		WALTERSBURG	10,11-7S-8E	80*	2237*	3.5	155	80*	1417*
		BETHEL							
*4260 UNION OIL CALIF.	STOKES-BROWNSVILLE U	AUX VASES							
4385 UNION OIL CALIF.	WALNUT GROVE U	HAROLINSBURG	36-5S-8E, 31,32-5S-9E, 1,11,12-6S-8E, 6-6S-9E		16366		2290		9607
		TAR SPRINGS	7,8,17,18,19-6S-9E	1070	32692	36.7	2926	1461	20196
		CYPRESS							
		PAINT CREEK							
		BETHEL							
		AUX VASES							
*1435 WAUSAU PET. CORP	GOSSETT	OHARA							
		SPAR MTN							
		MCCLOSKEY							
		CYPRESS	19,20-7S-8E		693		81		125
			18-7S-8E						
RUARK, LAWRENCE									
2267 HEPCO, INC.	RUARK WF U	PENN	7-2N-12W	50	1300*	2.4	169	28	727*
2295 OLOS OIL & CHEM.	KING UNIT	BIEHL	8-2N-12W	14	94	0.4	5	4	28
RUARK W, LAWRENCE									
2284 HERMAN LOEB	W. RUARK U	BETHEL	12,13-2N-13W	*	6623*	*	684	*	4211*
*2293 E B REYNOLDS EST.	WIRTH	BETHEL	13-2N-13W	+	+		34*		200*
*2290 JOE WILLIAMS	W W PROUT	BETHEL	12-2N-13W		*		32*		
RURAL HILL N, HAMILTON									
*1515 ACME CASING	MOORE UNIT	CYPRESS	34,35-5S-5E		1539		210		544
ST FRANCISVILLE, LAWRENCE									
2263 HAROLD BRINKLEY	PEOPLE AND MOODY	BETHEL	19,20-2N-11W	*	787*	*	29*	*	318*
*2278 LOGAN OIL CO.	WILSON "B"	BETHEL	20-2N-11W		31				
*2228 OIL RECOVERY, INC	ST FRANCISVILLE	BETHEL	20-2N-11W		90				



Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82										INJECTION WATER										REMARKS		
FIELD, COUNTY				PERM	DIL	DATE	DATE	NO. OF	ACRES	SOURCE		TYPE																				
PROJ.	DEPTH	NET	PDR	(MD)	GRAY	FIRST	ABD.	WELLS		SD=SAND	(F)=FRESH	UNDER	GR=GRAVEL	(B)=BRINE	PROD=PRODUCED	(M)=MIXED	SH=SHALLOW															
NO.	(FT)	PAY	(X)	(API)	INJ.			INJ.	PROD.	INJ.																						
		(FT)																														
*****																																
RITTER N, RICHLAND																																
*3430	3190	4.0			38.8	09-64	12-65	1	3	160	PENN SAND, PROD(B)																					
*****																																
ROACHES N, JEFFERSON																																
*2009	1930	10.7	14.8	134	37.2	08-60	10-73	4	18	460	PRODUCED(B)																					
*****																																
ROCHESTER, WABASH																																
3968	1350	30.0	17.0	150	33.0	07-60		5	8	80	SH SD, GRAY (F)							*DATA N/A SINCE 1975														
	1950	20.0	18.0	200	37.0			5	5	80																						
3970	1285	12.0	19.0	100	40.1	07-60			2	80	GRAVEL BED (F)							*INJ.DISC. 1980														
	1960	20.0	18.9	100				2	5	90																						
3972	1285	12.0			30.5	01-60			2	70	GRAY, PROD (M)							*INJ.DISC.1980														
*****																																
ROLAND C, GALLATIN, WHITE																																
4314	2575	8.0	16.0	30	36.6	10-69		5	4	110	SH SAND (F)																					
*4435	2190	12.0				01-62	05-78	1	2	30	PRODUCED(B)																					
	2600	18.0						1	2	40																						
	2900	10.0						1	2	40																						
4350	2650	8.0				04-70		1	5	60	PENN SD (B)							*EST;+TEMP.INACTIVE 1977-78														
	2950	10.0								60																						
4413	2636	14.0	17.0	106	38.0	03-63		2	3	280	PRODUCED (B)							*ESTIMATED														
4324	2950	10.0				06-70		2	6	130	PENN SD (B)							*ESTIMATED SINCE 1972														
*1418	2920	15.0	16.2	61	40.0	06-59	01-76	2	2	120	PENN SD (B)							*ND INJ SINCE 1975														
4258	2175	14.0	19.5	275	31.0	06-55		7	13	560	PENN SD, PROD (B)																					
	2900	12.0			39.0					110																						
4266	2700	20.0	16.6	65	31.6	06-66		14	16	550	PENN SD, PROD (B)																					
	2775	9.0	12.4	12																												
	2900	6.0	13.8	14																												
4436	2870	18.0				06-73		1	3	40	PRODUCED(B)							*ESTIMATED														
4396	2332	10.0	23.9	77		02-62		1	2	80	PRODUCED (B)							*ESTIMATED SINCE 1970														
*4361	2200	15.0	18.0		31.0	06-62	01-68	4	4	80	PENN SD, PROD (B)							*ESTIMATED														
*4262	2620	20.0	14.0	16		10-56	12-58	2	2	40	TAR SPR, PROD (B)							*ESTIMATED, D.F.														
*4259	2530	11.6	18.8	256	35.8	07-54	12-66	7	10	170	PRODUCED (B)																					
4375	1991	12.0			38.0	08-67		2	1	20	PALESTINE, PROD (B)							*ESTIMATED														
*4347	2685	5.0				07-66	10-68	2	2	40	PENN SAND(F)																					
	2800	30.0						4	4	80																						
*1446	2750	18.0	14.0	35	38.0	01-70	06-74	8	11	200	PENN SD (B)							*ESTIMATED														
4419	2590	8.0				04-69		2	3	50	PRODUCED (B)							*ESTIMATED														
	2750	8.0						2	3	50																						
	2860	15.0						6	16	260																						
*4407	2740	14.0			37.0	04-65	01-72	3	2	60	PRODUCED (B)							*ESTIMATED SINCE 1971														
4403	2600	10.0	15.2	38		01-67		7	10	230	TAR SPRINGS (B)																					
	2800	15.0				03-69		2	6	80																						
	2920	9.0				01-70		1	1	20																						
*4413	2795	15.0				02-64	04-75	1	2	30	PRODUCED (B)							*ND PRODUCTION, 1975														
4422	2310	15.0				01-71		3	4	70	PRODUCED (B)							*EST +INCL PRIM PROD														
	2710	10.0						3	3	60																						
4310	1960	6.0	18.7	150		10-68		2	1	30	FRESH, PROD (M)							*ESTIMATED SINCE 1973														
	2185	12.0	19.8	264				4	4	80																						
	2620	5.0						1	1	20																						
	2800	3.0	13.3	73				4	4	80																						
	2900	8.0	12.0	70				1	1	20																						
*1413	1695	14.0	19.0	225	37.2	03-53	04-73	16	17	336	PRODUCED (B)																					
*4318	2935	20.0	14.2	4	35.6	12-61	07-69	8	8	260	SH SD, PROD (M)																					
4214	1900	9.0				04-68		28	29	770	WELL, PROD (M)							*EST.1982														
	2200	12.0								440																						
	2250	7.0								90																						
	2500	11.0								400																						
	2750	14.0								550																						
	2900	21.0								150																						
4244	2620	14.0	14.0	34	37.0	02-66		9	9	200	PENN SD (B)							*UNIT EFF.7-66;+EST 1982														
	2725	9.0	11.0							180																						
	2925	15.0	16.5	55						160																						
	3000									40																						
*4261	2500	25.0	17.6	152	37.0	12-50	04-66	20	24	440	CYPRESS, PROD (B)							*ESTIMATED														
4322	2150	15.0				07-69		4	6	160	PENN SAND (B)																					
	2740	10.0						4	6	160																						
	2870	15.0						6	8	180																						
*4260	2628	15.0	17.0	106		08-55	08-67	38	31	1142	PENN SD, PROD (B)																					
4385	2300	12.4				02-67*		12	21	958	PRODUCED (B)							*UNIT EFFECTIVE 7-66														
	2640	10.5	18.0	60																												
	2790	10.0	17.0	50																												
	2880	22.0																														
	2900	10.0																														
	2940	3.0																														
	2970	3.0																														
	3060	1.3																														
*1435	2550	12.0	18.5	80	38.0	07-64	05-70	3	7	100	PENN SD, PROD (B)																					
*****																																
RUARK, LAWRENCE																																
2267	1640	8.0	16.0	105	33.8	04-63		1	2	56	SH SD (F)																					
2295	1503	7.0			33.0	4-77		1	1	40	SH SD																					
*****																																
RUARK W, LAWRENCE																																
2263	2250	17.0	16.0	100	38.0	08-65		20	15	370	TAR SPR, PROD (B)							*DATA N/A SINCE 1980														
*2293	2234	11.0				08-65+	07-72	+	2	20	+							*EST.+WINDOW IN ACTIVE WF														
*2290	2260	10.0				01-67	1-77	*	2	30								*ADJ ACTIVE WF,ND INJ +EST														
*****																																
RURAL HILL N, HAMILTON																																
*1515	2400	10.0	13.8	22	35.5	05-60	01-69	3	2	140	PRODUCED (B)																					
*****																																
ST FRANCISVILLE, LAWRENCE																																
2263	1840	12.0			41.0	04-62		2	5	80	GRAY, PROD (M)							*ND DATA SINCE 1973														
*2278	1850	10.0	18.5	65		11-64	12-66	1	1	30	CYPRESS (B)																					
*2228	1865	12.0	17.5	43	38.0	12-50	06-54	2	1	30	SH SD, PROD (M)																					



Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	OIL	WATER				
PROJECT NO., OPERATOR	U = UNIT		S - T - R	INJECTION	PRODUCTION	PRODUCTION				
* = ABO				TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.				
* = P.M.				1982 * 12/82	1982 * 12/82	1982 * 12/82				
*****										
ST. FRANCISVILLE E., LAWRENCE										
*2218 BAUER BROTHERS	ALL STATES LIFE	BETHEL	22-2N-11W	3528	267	1145				
ST JACOB, MAOISON										
2506 BELLAIR OIL	ELLIS WF	TRENTON	27-3N-6W	60*	2433*	5.2*	146*	60*	1381*	
2503 WARRIOR OIL CO.	TRENTON LIME UNIT	TRENTON	15,16,21,27-3N-6W	220	9400	7.6	662	169	5999	
2505 WARRIOR OIL CO.	S. ST. JACOB UNIT I.	TRENTON	27-3N-6W	206	3832	5.2	118	144	2978	
ST JAMES, PAYETTE										
1238 N. A. BALDRIDGE	WILLIAM SMAIL	CYPRESS	25,36-6N-2E	90*	2301*	4.4	254	90*	2980*	
1245 W. L. BELOEN	ST JAMES	CARPER	25-6N-2E,30-6N-3E	25	1053*	2.9	88*	25*	1053*	
1250 W. L. BELOEN	ST JAMES NORTH	CARPER	19,30-6N-3E	112	3134	2.5	141*	112*	3134*	
1253 M-S-C- CORP	SMITH-STEPHENS	CYPRESS	31-6N-3E	300*	10768*	19.7	706	300*	10768*	
1240 MARATHON OIL CO.	ST. JAMES 1-C	CYPRESS	36-6N-2E, 30,31-6N-3E	203	11581	14.1	1566	310	9571	
*1222 HENRY ROSENTHAL	WASHBURN	CYPRESS	30-6N-3E		1000*		198*		1000*	
1251 HENRY ROSENTHAL	WASHBURN	CARPER	30-6N-3E	250*	4494*	5.4	122	250*	2283*	
1239 TEXACO, INC.	ST. JAMES WF	CYPRESS	25-6N-2E,30,31-6N-3E	379	8561	7.5	520	464	8979	
STE MARIE, JASPER										
*1912 MURVIN OIL CO.	STE. MARIE	SPAR MTN	7-5N-11E		*		12*		*	
*1905 J. R. RANDOLPH	STE. MARIE WF	MCCLOSKEY	5,6,7,8-5N-14W		1900		191		62	
*1923 S AND M OIL CO.	STE MARIE U	MCCLOSKEY	1-5N-10E; 6-5N-11E		1620		78		327	
*1920 C. R. WINN	WADE 2	MCCLOSKEY	5,6-5N-14W		657		31		475	
SAILOR SPRINGS C, CLAY, EFFNGHAM, JASPER										
385 ABCO OIL OP.	CAILTEAUX-MEOLEY	CYPRESS	12-3N-7E	40*	750*	4.4	115*	40*	750*	
		SPAR MTN								
393 ABSHER OIL CO	OUFF	CYPRESS	12-3N-7E	20*	400*	2.5	63*	20*	400*	
* 318 ASHLAND O AND R	E. FLORA	MCCLOSKEY	16,21-3N-7E		2173		195		2605	
377 ASHLAND O AND R	E W KECK LEASE	MCCLOSKEY	35-4N-7E	51	345	4.7	60	51	402	
* 370 BALOWIN, BALOWIN	ARMSTRONG U	CYPRESS	3,10-3N-7E		228*		23		68*	
* 348 BANGERT CASING	STASER U	CYPRESS	12,13,14-3N-7E		2687*		192		1094*	
* 386 BANGERT CASING	OUFF	CYPRESS	12-3N-7E		716		69*		714	
1106 WM. & P. BECKER	ROSLICLARE LIME UNIT	SPAR MTN	5-5N-7E,	*	7552*	0.9*	972*	*	5252*	
			32-6N-7E							
* 309 CITIES SERVICE	WYATT	AUX VASES	13-5N-7E		871		40		446	
		SPAR MTN								
359 WALTER OUNCAN	GOULD UNIT	CYPRESS	15-5N-7E	314	5044*	10.0	1290	314	4626*	
388 WALTER OUNCAN	H.O. LEWIS	CYPRESS	9-5N-7E		511*	5.2	226	410	2421*	
1102 WALTER OUNCAN	BRINK	CYPRESS	34-6N-7E	142	3201*	3.2	555	78	2581*	
1116 WALTER OUNCAN	KLUTHE	CYPRESS	33-6N-7E	92	1138*	1.8	311	60	2503*	
374 J. C. FRANKLIN	NW CLAY	CYPRESS	2-3N-7E;35-4N-7E	30	747	1.1	35	30	767	
		AUX VASES								
389 J. C. FRANKLIN	OICKEY	CYPRESS	3-3N-7E	70	210*	0.5	54	18	309	
390 J. C. FRANKLIN	GERMAN #5	CYPRESS	9-3N-7E	15*	33	4.2	11	15*	33	
*1114 J. C. FRANKLIN	REINHART, STORTZUM	CYPRESS	22-6N-7E		2797		203		1949	
* 310 GULF OIL CO	R. KECK	CYPRESS	26-4N-7E		65		11		37	
* 339 GULF OIL CO	SAILOR SPRINGS UNIT	CYPRESS	26-4N-7E		315		49		70	
1118 GULF OIL CO	F H KLUTHE	CYPRESS	33-6N-7E	*	*	22.8	841	59	649	
328 C.O. HAGAN	SAILOR SPRINGS	TAR SPRINGS	26-4N-7E	30*	3369*	1.8	180	30*	2521*	
		CYPRESS								
356 JET OIL CO.	BIBLE GROVE UNIT	CYPRESS	10-5N-7E	665	1326*	11.6	1362	175	5480	
*1107 JET OIL CO.	BLUNT COMM U	MCCLOSKEY	17-20-6N-7E		970		102		655	
329 JUNIPER PETROLEUM C	N SAILOR SPRINGS	CYPRESS	2-4N-7E;35-5N-7E	41	4714	2.4	231	12	2052	
		AUX VASES								
		SPAR MTN								
364 K W B OIL PROP. MGMT	GOLOSBY-WILSON	CYPRESS	34-4N-7E	218	4199	13.5	235	140	3129*	
		AUX VASES								
375 K W B OIL PROP. MGMT	PATTON-SMITH U	CYPRESS	11-3N-7E	29	416	1.8	37	37	359	
1100 KEN-TEX	BIBLE GROVE	SPAR MTN	28,29-6N-7E	30*	4838*	1.2	448	30*	2158*	
		MC CLOSKEY								
*1103 KINGWOOD OIL CO.	NAOLER AND JOERGENS	CYPRESS	28-6N-7E		1834		101		888	
		SPAR MTN								
319 LAOD PETROLEUM	SAILOR SPRINGS U	CYPRESS	13-5N-7E	63	2944	2.0	180	18	474	
387 LAOD PETROLEUM	A.J. LEWIS	CYPRESS	9-5N-7E	+	+	10.4	253	80*	1290*	
1117 LAOD PETROLEUM	J HADBE	CYPRESS	33-6N-7E	*	*	1.9	214			
1109 HERMAN LOEB	BIBLE GROVE U.S.O.U.	CYPRESS	22,27,28,34-6N-7E	250*	9626*	5.1	1216	200*	5605*	
352 MAC OIL COMPANY	BIBLE WF UNIT	CYPRESS	9-4N-7E	38*	2100	4.3	312	38*	1208	
391 MAC OIL COMPANY	CARTER	CYPRESS	24-5N-7E	+	945*	1.8	72*	+	945*	
* 312 W. C. MCBRIDE	GOLOSBY-OICKEY	CYPRESS	34-4N-7E		622		31		142	
* 313 W. C. MCBRIDE	OUFF-KECK	CYPRESS	26,35-4N-7E		1845		140		681	
* 314 W. C. MCBRIDE	BOTHWELL	CYPRESS	14-3N-7E		96		5			
* 344 W. C. MCBRIDE	OEHART	CYPRESS	9,10-3N-7E		939*		81*		703*	
* 311 MCCOLLUM, KINCAID	SAILOR SPRINGS	CYPRESS	14,15,23-4N-7E		6979		1023		3203	
* 336 MCCOLLUM, KINCAID	NORTH MOOSIER UNIT	CYPRESS	10-4N-7E		2174		465		1221	
355 MCCOLLUM, KINCAID	BIBLE GROVE WF UNIT	CYPRESS	15,22-5N-7E	260*	6402	12.6	1215	245*	4516	
* 382 MCCOLLUM, KINCAID	HARDIN	CYPRESS	10-5N-7E		330*		36*		300*	
383 MCCOLLUM, KINCAID	CHLORS-HALL-HARD-HARM	CYPRESS	9,10-5N-7E	50	404	4.1	87	50	404	
* 366 MCKINNEY, FUNDERB	SPARLIN	CYPRESS	3-5N-7E		174		46		136	
* 340 MOBIL OIL CORP.	NORTH MOOSIER U	CYPRESS	15-4N-7E		1608		274		864	
321 BERNARD POODLSKY	BUCK CREEK U	MCCLOSKEY	8,9,16,17-3N-7E	240	5314	7.0	251	241	4196	
* 333 BERNARD POODLSKY	C. BOWERS	MCCLOSKEY	16-3N-7E		231		44		182	
371 BERNARD POODLSKY	E FLORA	MCCLOSKEY	9-3N-7E	20*	1128	5.7	36	20*	727*	
* 343 RAY-OBER OIL CO.	HASTINGS	CYPRESS	23-4N-7E		118*		7*			
368 C O REED	MCCOLLUM	CYPRESS	9,16-4N-7E	50*	1256*	1.0	109	50*	1038*	
369 E B REYNOLDS EST.	STORCK	CYPRESS	5-5N-7E	90*	1463*	3.9	104	80*	1443*	
379 ROBISON OIL CO.	BATEMAN, CROUSE, WORKMAN	CYPRESS	24,25-5N-7E	*	51*	*	36*	*	48*	
361 HUBERT ROSE	BATEMAN UNIT	CYPRESS	25,26,35-5N-7E	70*	2576*	2.2	116	70*	1095*	
350 SHAKESPEARE OIL	STANFORD UNIT	SPAR MTN	22,27-3N-7E	1	445	0.7	32	1	190*	
* 315 SHULMAN BROTHERS	COLCLASURE AND HAROY	CYPRESS	10-3N-7E		1177		28		496	
* 316 SHULMAN BROTHERS	NEFF	MCCLOSKEY	16-3N-7E		99		3			
* 325 SHULMAN BROTHERS	LEWIS-CYPRESS	CYPRESS	13-5N-7E		84		5		84	
* 367 SO. TRIANGLE CO.	SAILOR SPRINGS	CYPRESS	11,12,13,14-4N-7E		510		10		201	
360 TEXACO, INC.	NORTH BIBLE GROVE U	CYPRESS	3,4,5,8,9,10-5N-7E,	2106	51142*	32.6	3890*	1923	34348	
			32-6N-7E							
365 TEXACO, INC.	W G LANOWEHR	CYPRESS	9-5N-7E	*	1988*	1.8	122	56	778	
392 TEXACO, INC.	MASCHER	CYPRESS	9-5N-7E	+	+	5.5	123	65*	1464*	
1115 R. O. WILSON II	KLUTHE-STORTZUM-LAKE	CYPRESS	15,22-6N-7E	100	885*	15.8	288	80	717*	

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
FIELD, COUNTY										NO. OF				SOURCE				TYPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
PRD.	DEPTH	NET	POR	PERM	DIL	DATE	DATE	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	ACRES	SD	WELLS	

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION	WATER	INJECTION	OIL	PRODUCTION	WATER	PRODUCTION	
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = A80										
* = P.M.										
					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.
					1982 * 12/82	1982 * 12/82	1982 * 12/82	1982 * 12/82	1982 * 12/82	1982 * 12/82
*****										
SALEM C, JEFFERSON, MARION										
2618 T. L. CLARK	PHELPS-WALNUT HILL U.	SPAR MTN	28-33-1N-2E	15*	2830*	0.2	233	15*	813*	
*2612 EGO OIL CO	SEBASTIAN	BENOIST	21-1N-2E		319*		33*		319*	
*2624 EGO OIL CO	LUTTRELL	SPAR MTN	15-1N-2E		178*		20*		103*	
*2633 EGO OIL CO	BURGE	SPAP MTN	21-1N-2E		146		17		146	
*2006 EXXON	DIX R. AND PM.	BENOIST	3,4,9,10,15,16-1S-2E	663	35277	94.3	15710	1064	26577	
2010 EXXON	SALEM CONS	AUX VASES	3,4,10-1S-2E	1112	33023	19.5	1280	1076	24742	
*2604 TEXACO, INC.	ROSICLARE SAND UNIT	SPAR MTN	15-1N-2E		1913		96		207	
2605 TEXACO, INC.	SALEM UNIT	BENDIST	11,2N-2E	2634	547868	175.8	42938	12334	433898	
2606 TEXACO, INC.	SALEM UNIT	DEVONIAN	11,2N-2E	45589	586833	716.8	17586	41451	522478	
2607 TEXACO, INC.	SALEM UNIT	MCCLOSKEY	11,2N-2E	11825	507635	219.3	24469	11112	378054	
2608 TEXACO, INC.	SALEM UNIT	AUX VASES	11,2N-2E	23975	647364	220.1	34947	14441	382667	
2636 TEXACO, INC.	SALEM U	SALEM	11,2N-2E	4881	36761	67.7	1385	1558	17124	
*2637 TEXACO, INC.	SALEM U	TRENTON	1-2N-2E		806		4		15	
SAMSVILLE N, EDWARDS										
*1010 ASHLAND O AND R	WEST SALEM	BETHEL	30-1N-14W		319		7			
SCHNELL, RICHLAND										
3439 UNION OIL CALIF.	SCHNELL CONSOL	MCCLOSKEY	7-2N-9E		858*	0.6	45	1	328*	
SEMINARY, RICHLAND										
*3410 R. JOHNSON	SEMINARY	MCCLOSKEY	17-2N-10E		889		25		290	
SESSER C, FRANKLIN										
1343 N. A. BALORIOGE	GALLOWAY	AUX VASES	20-5S-2E	100*	1115*	4.8	156	100*	1115*	
1318 WM. & P. BECKER	OLD BEN COAL FLOOD	AUX VASES	13,14,23,24-6S-1E	330	8582*	16.6	808	330	6065*	
		CLEAR CREEK								
1325 FARRAR OIL CO.	SESSER UNIT	AUX VASES	26,35-5S-1E; 2-6S-1E	58	2630*	16.1	1051	41	1295*	
1330 FARRAR OIL CO.	CHRISTOPHER U	RENAULT	24,25-6S-1E;	18	548*	2.6	38	25	568*	
		AUX VASES	19,30-6S-2E							
*1306 WILL I LEWIS EST	SESSER U	RENAULT	17,19,20-5S-2E		1574		173		75	
1339 JOE SIMPKINS OIL	SOUTH SESSER UNIT	AUX VASES	2-6S-1E	100*	972*	4.2	47	100*	857*	
SHATTUC, CLINTON										
410 T. M. CONREY, JR	SHATTUC WF	CYPRESS	27,28-2N-1W	175*	1933*	9.7	206	175*	1444*	
		BENOIST								
SHAWNEETOWN N, GALLATIN										
*1416 SUN OIL CO.	L. MILLER	AUX VASES	7-9S-10E		357		48		163	
SIGGINS, CLARK, CUMBERLAND										
* 216 ACME CASING	UNION GROUP	2ND SIGGINS	18-10N-11E		23839		2721		21092	
700 BELL BROTHERS	FLOOD 1	2ND SIGGINS	13-10N-10E		1224*	1.9	289	55	1350	
* 701 COCHONOUR, CLARK	VEVAY PARK	2ND SIGGINS	25-10N-10E		255		2		103	
702 MARATHON OIL CO.	SIGGINS	2ND SIGGINS	13,14-10N-10E,	1650*	114317	59.9	13566	1125*	32251*	
			7,11,12-10N-11E							
* 215 OMER H. DOLE	SIGGINS	SIGGINS	7-10N-14W		50*		9*		50*	
			7-10N-11E							
707 CLIFFORD A. PERRY	REEGER	2ND SIGGINS	24-10N-10E	10*	147*	1.4	17	10*	147*	
SORENTO C, BONO										
7 JACK COLE	YOUNG & VONBERG U.	PENN	32-6N-4W	5*	270*	0.2	13	5*	115*	
* 5 JOE A. DULL	SORENTO SOUTH	LINGLE	29-6N-4W		88		4		57*	
STAUNTON W, MACOUPIN										
2400 RAY E. HOWELL	OEHNE	PENN	16-7N-7W	*	16*	*	1*	*	2*	
STEWARTSON, SHELBY										
3800 W. L. BELDEN	CHAFFEE-HARPER-WABASH	AUX VASES	27-10N-5E	96	3003	14.6	456*	96*	3003*	
3801 DONALD W. GESELL	MORT MORAN	AUX VASES	27-10N-5E	93	2338	1.3	162	93	1878	
		SPAR MTN								
STORMS C, WHITE										
*4431 ATLAS DRILLING	HS & GP HANNA	TAR SPRIN	28-5S-10E		1030*		58		1030*	
4248 WM. & P. BECKER	ALDRIOGE	WALTERSBURG	12-6S-9E	150*	7041*	4.5*	339*			
		AUX VASES								
4204 C. E. BREHM	R-B U	WALTERSBURG	12,13-6S-9E	667	5838	10.4	564	600	1190*	
4438 C. E. BREHM	C.S. AUSTIN	WALTERSBURG	22-6S-9E	*	*	27.0	428	550*	7760*	
4241 JACK BROOKOVER	W. S. HANNA	PENN	28-5S-10E	31	642	1.0	38	31	577	
4263 JIM HALEY	STORMS POOL UNIT	WALTERSBURG	2,11-15,22-24-6S-9E	603*	128695*	24.1*	3180	603*	80117*	
		AUX VASES								
4457 JIM HALEY	ARMSTRONG&HALL-MYERS	WALTERSBURG	1-6S-9E	+	+	6.3	204	35*	1135*	
4234 JUNIPER PETROLEUM C	S STORMS EXTENSION	WALTERSBURG	12,13-6S-9E	1100*	14346	32.7	792	1350*	13172	
4399 JUNIPER PETROLEUM C	N STORMS EXT COOP	WALTERSBURG	1,12-6S-9E; 6-6S-10E	1900*	26948	31.1	1209	1500*	23199	
		TAR SPRINGS								
		AUX VASES								
*4271 MABEE PET. CORP.	STORMS	WALTERSBURG	22-6S-9E		90					
4451 MURVIN OIL CO.	FERGUSON	BIHEL	32-5S-10E	+	+	0.6	110	10*	850*	
		CLORE								
4450 O H AND F OIL CO	LAND	CLORE	32-5S-10E; 5-6S-10E	40*	1025*	3.1	140*	40*	1025*	
4380 DENNIS PAINE	TRINOR	TAR SPRINGS	23-6S-9E	+	680*	4.1	121	+	680*	
4449 DENNIS PAINE	FECHTER-RICE	CLORE	22-5S-10E	6*	90*	0.3	13	6*	90*	
		PALESTINE								
*4296 BERNARD POOLSKY	MCQUEEN	DEGONIA	32-5S-10E		1873		210		721	
		CLORE								
4240 QUASAR, INC.	POMEROY	AUX VASES	28,33-5S-10E	*	503*		30	*	228*	
4415 SO. TRIANGLE CO.	STORMS UNIT (WILSON)	WALTERSBURG	22-6S-9E	650*	8751*	21.3	698*	2700*	8797*	
*4295 TAMARACK PET.	HANNA	CLORE	32-5S-10E		1754		322*		815*	
*4327 TAMARACK PET.	CALVERT	CLORE	32-5S-10E		402		2		19	
4366 TAMARACK PET.	HANNA "A"	BIHEL	29-5S-10E	30*	993	0.4	79	35*	851	
*4372 TAMARACK PET.	HANNA	BIHEL	32-5S-10E		424		*		*	
4285 TARTAN OIL CO.	FERGUSON-RUOOLPH	PENN	22-5S-10E	15*	532*	0.5	19	15*	300*	
STRINGTOWN, RICHLAND										
*3411 N. C. OAVIES	STRINGTOWN	STE GEN	31-5N-14W		257		19		289	
*3412 HELMERICH, PAYNE	STRINGTOWN WF	STE GEN	31-5N-14W		171		5		57	
*3413 SKELLY OIL CO.	PETER VON ALMEN	STE GEN	31-5N-14W		324		59		242	



[illegible]

SALM C., JEFFERSON, MARION												
*2613	2102	7.0	12.0	39.2	06-63		4	11	260	PENN SD, PRDD (B)	*ESTIMATED SINCE 1974	
*2612	1927	8.0		34.6	01-59	01-78*	1	2	10	PRODUCED (B)	*ESTIMATED; *INACTIVE 1975	
*2624	2100	15.0			01-67	11-78	1	2	30	PRODUCED (B)	*INACTIVE 1975	
*2633	2110	3.0			01-71		1	4	40	PRODUCED (B)		
*2006	1950	19.0	16.7	130	38.0	01-68	5	25	760	PENN SD, PRDD (B)		
2010	2000	16.0	14.0	20	38.0	08-60	16	16	723	PENN SD, PRDD (B)		
*2604	2093	14.0	11.5	43	36.5	04-50	08-62	3	5	100	PRODUCED (B)	
2605	1770	23.0	17.9	150	37.0	10-50	19	47	8247	LAKE, PROD (M)		
2606	3400	19.0	16.8	300	36.5	10-50	76	127	5414	UPPER SD, PRDD (B)		
2607	1950	20.0	15.8	730	37.0	04-51	53	69	7712	LAKE, PROD (M)		
2608	1825	26.0	16.3	28	37.0	10-50	94	67	4881	LAKE, PROD (M)		
2636	2175	25.0	10.5	35	37.5	01-71	10	25	4263	PRDD, FRESH (M)		
*2637	4520	99.0	7.2	27	40.7	09-67	01-74	3	2	160	PRDD, FRESH (M)	
SAMSVILLE N, EDWARDS												
*1010	2930	5.0			09-54	02-59	1	1	20	PRODUCED (B)		
SCHMELL, RICHLAND												
3439	2988	15.0		39.5	08-68		1	1	103	PRODUCED (B)	*INJ.SUSP.	
SEMINARY, RICHLAND												
*3410	3000	8.0		36.0	02-54	04-57	2	4	120	CYPRESS (B)		
JESSER C, FRANKLIN												
1343	2670	12.0			01-70		1	7	80	PRODUCED (B)	*EST.	
1318	2600	18.0		40.0	07-64		8	18	410	PENN SD, PROD (B)	*EST.SINCE 1973	
	4375	20.0		40.0			1	2	60			
1325	2600	15.0	18.0	10	33.0	05-65	5	21	860	CYPRESS, PROD (B)	*EST.SINCE 1970; *ADJ.BY DP.1982	
1330	2570	10.0				10-69	21	5	320	CITY WATER (F)	*ADJ.BY OPERATOR 1982	
	2600	5.0					3	5	80			
*1306	2690	5.0		39.4	08-58	01-70	6	6	220	LAKE, PROD (M)		
1339	2610	15.0			10-74		2	6	140	PRODUCED(B)	*ESTIMATED	
SHATTUCK, CLINTON												
410	1285	5.0		34.6	07-59		3	8	110	TAR SPR, PROD (B)	*ESTIMATED	
	1436	9.0		35.0	01-64		2	2	40			
SHAWNEETOWN N, GALLATIN												
*1416	2750	15.0		37.0	11-59	09-66	2	1	30	PENN SO (B)		
SIGGINS, CLARK, CUMBERLAND												
* 216	404	31.0	18.0	51	36.0	12-66	01-72	92	84	459	GRAV, PRDD (M)	
700	320	18.9	18.9	73	35.9	09-50		*	14	80	SURFACE (M)	*INJ.SUSP.81;ADJ.TD ACTIVE WF
* 701	600	16.0	20.3	349	30.1	12-50	12-56	2	4	14	LAKE, PROD (M)	
702	400	32.0	17.5	56	36.4	06-62		337	446	2019	GRAV, PROD (F,B*)	*SINCE 1970*EST.1982
* 215	450	36.0	21.5	40	33.8	04-52	01-74	30	27	135	PRODUCED (B)	*ESTIMATED SINCE 1965
707	520	30.0				09-68		1	4	90	WELL, PROD (M)	*ESTIMATED
SORENTO C, BOND												
7	522	14.0	17.6	175	33.0	11-69		4	2	70	PENN SAND (B)	*ESTIMATED SINCE 1972
* 5	1850	4.5	12.2	50	38.0	10-62	10-64	1	3	50	PENN SO, PRDD (B)	*1964 DATA ESTIMATED
STAUNTON W, MACOUPIN												
2400	490	10.0		32.0	05-60		2	7	40	PRODUCED (B)	*TEMP ABD.NO DATA SINCE 62	
STEWARDSON, SHELBY												
3800	1750	20.0			39-59		1	2	160	PRODUCED (B)	*EST +INCL PRIM PRDD	
3801	1950	9.0			06-62		3	3	80	PRODUCED (B)		
	2035	10.0										
STORMS C, WHITE												
*4431	2350	15.0			06-58	12-71	2	8	100	PRODUCED(B)	*ESTIMATED	
4243	2275	15.0	13.4	173	06-64		3	3	75	PURCHASED (M)	*ESTIMATED SINCE 1973	
	2990	16.0	17.1	47			3	3	60			
4204	2250	20.0			03-66		3	5	120	PENN SD, PROD (B)	*SINCE 1980	
4438	2260	14.0			10-67		*	4	40		*ADJ TO ACTIVE WF.*ESTIMATED	
4241	1319	9.0		28.0	04-63		1	1	20	TAR SPR, PROD (B)		
4263	2240	10.0	19.0	250	34.0	03-56	73	41	1100	RIVER, PROD (M)	*ESTIMATED	
	2930	15.0			01-64		17	18	350			
4457	2410				1-66+		+	2	30	+	*EST.+ADJ.TD 4399 SINCE 66	
4234	2250	19.0			07-66		10	10	180	RIVER GRAV, PROD (M)	*EST.1982	
4399	2290	20.0	20.0	200	38.0	06-64	17	16	400	PENN SO, PRDD (M)	*EST.1982	
	2390	10.0	18.5	100								
	2980	15.0	18.0	30								
*4271	2240	15.0			07-51	06-53	1	2	40	PENN SD, PRDD (B)		
4451	1850	4.0					+	3	30	+	*EST.+ADJ.TD PROJ.S.4372&4395	
	2100	11.0					+	3	30			
4450	2100	15.0			6-67		1	3	50	PRODUCED(B)	*EST.+INCL PRIM SINCE 1958	
4380	2250	12.0			03-69		1	7	90	PRODUCED (B)	*DATA EST; *INJECTION SUSP 1975	
4449	2085	6.0			6-70		1	3	40	PRODUCED(B)	*ESTIMATED	
	2155	6.0					1	4	50			
*4296	2550	6.0			06-60	01-66	5	5	100	SH SD, PRDD (M)		
	2580	12.0					6	7	150			
4240	2750	12.0	16.5	54	36.0	06-66	4	2	80	SH SD, PRDD (M)	*ND PROO.1982	
4415	2250	22.0	19.5	225	34.8	07-67	4	10	200	PENN SD, PRDD (M)		
*4295	2100	10.0	13.0	150	34.8	08-60	01-71	3	3	120	PENN SD, PRDD (B)	*INCL 4372
*4327	2100	10.0	18.0	150		08-60	12-64	1	1	20	SH SD, PRDD (M)	
4366	1830	7.0	18.6	170		02-68		1	2	25	PRODUCED (B)	*EST.1982
*4372	1826	14.0	20.1	289	34.8	12-62	09-71	3	3	40	SH SD, PROD (M)	*INCL WITH 4295
4285	1480	27.0	20.0	200	34.0	12-68	3	1	40	SH SD (F)	*ESTIMATED	
STRINGTOWN, RICHLAND												
*3411	3000	10.0	18.0		12-53	09-58	2	3	80	TAR SPRINGS (B)		
*3412	3026	7.0		38.0	10-54	12-57	2	2	70	CYPRESS, PRDD (B)		
*3413	3002	12.0		36.0	12-53	12-63	1	2	80	PENN SD, PRDD (B)		



Table 11. continued

GENERAL INFORMATION					* PRODUCTION AND INJECTION STATISTICS (M BBL/S) *					
* FIELD, COUNTY *	* PROJECT *	* PAY NAME *	* LOCATION *	* WATER INJECTION *	* OIL PRODUCTION *	* WATER PRODUCTION *				
* PROJECT NO., OPERATOR *	* U = UNIT *		* S - T - R *	* TOTAL *	* CUM. *	* TOTAL *	* CUM. *	* TOTAL *	* CUM. *	
* = ABO *				* 1982 *	* 12/82 *	* 1982 *	* 12/82 *	* 1982 *	* 12/82 *	
* = P.M. *										
SUMPTER E, WHITE	BONO-HENOERSON	OHARA	20,29-45-10E	+	1167**	0.2+	61	+	652**	
4381 OEE DRILLING	W CROSSVILLE S UNIT	OHARA	20,29,30-45-10E	543	2082+	10.5	177*	121	1911	
*4408 EAGLE SUPPLY CO	CARMI	AUX VASES	12-55-9E		787		292*		336*	
		SPAR MTN								
4231 T. W. GEORGE EST.	SUMPTER E	AUX VASES	29,31,32-45-10E; 5,6-55-10E	70	4309	5.6	358	55	1452	
		SPAR MTN								
4425 HERTZING PROO. CORP.	CHERRY SHOALS UNIT	CYPRESS	17,20,21-45-10E	20*	1104*	1.0	56*	20*	814*	
4424 SLAGTER PROOUCING	W CROSSVILLE U	OHARA	20,29-45-10E	200*	4900*	9.2	240*	200*	3455*	
SUMPTER N, WHITE	SUMPTER NORTH U	AUX VASES	20,29-45-9E	80	2575	1.8	158	69	1117	
4221 SHAKESPEARE OIL	MORRILL	AUX VASES	21-45-9E	3	271	0.6	101	3	271	
4423 WARRIOR OIL CO.										
SUMPTER S, WHITE	SOUTH SUMPTER	TAR SPRINGS	34,35-45-9E; 2,3-55-9E	99	856	10.7	195	7*	393*	
4430 FRMERS PETR COOP	JOSEPH JACOBS	TAR SPRINGS	34-45-9E	4	304	3.5	27	5	190	
4437 K W B OIL PROP. MGMT	SUMPTER SOUTH UNIT	AUX VASES	2,3-55-9E		859		81		371	
*4345 SO. TRIANGLE CO.	SUMPTER NORTH UNIT	AUX VASES	34,35-45-9E		642		44		214	
*4346 SO. TRIANGLE CO.										
TAMAROA, PERRY	TAMAROA	CYPRESS	14,23-45-1W	50*	3048*	2.9	132	50*	2294*	
3100 FRMERS PETR COOP										
TAMAROA S, PERRY	3AGWELL	CYPRESS	28-45-1W	50*	724*	1.9	51	50*	924*	
3101 N. A. BALORIOGE										
THACKERAT, HAMILTON	THACKERAT 3-A	AUX VASES	10,11,15-55-7E	200	13999*	6.9*	996	200	9648*	
1551 GALLAGHER DRILLING	W THACKERAT UNIT	AUX VASES	9,16-55-7E	100*	3196*	5.2	955*	60*	2010*	
1570 GALLAGHER DRILLING										
THOMPSONVILLE E, FRANKLIN	E THOMPSONVILLE	AUX VASES	12-7S-4E; 7-7S-5E		362		136		1417	
*1302 C. E. BREHM										
THOMPSONVILLE N, FRANKLIN	THOMPSONVILLE U	AUX VASES	10,15-7S-4E		1032*		125*		80*	
*1305 BARBARA BRAGASSA	N THOMPSONVILLE U	AUX VASES	10-7S-4E	41	897*	18.2	178			
1331 COLLINS BROS.	THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		1786		381		360	
*1304 FAIRFIELD SALV.	N THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		2211		365		600	
*1303 HUMBLE O AND R										
TONTI, MARION	BRANCH	BENOIST	4-2N-2E	165*	5691*	3.5	227+	165*	4022*	
2609 FRT OIL CO		MCCLOSKY								
2634 LEOERMAN ESTATE	TONTI FLOOD PROJ	MCCLOSKY	33-3N-2E	150*	2305*	25.5	290	150*	3517*	
2621 TEXACO, INC.	TONTI UNIT	BENOIST	4-2N-2E	2164	23040*	39.9	827	2295	32042	
		AUX VASES								
*2622 TEXACO, INC.	H. MCMACKIN	SPAR MTN	34-3N-2E		139		1		109	
TRUMBULL C, WHITE	TRUMBULL	CYPRESS	24-5S-8E, 18-5S-9E	50*	3528*	2.7	230	50*	436*	
4362 ABSHER OIL CO	R. SIMMONS	CYPRESS	25,26-5S-8E	80*	1186*	3.4	84	80*	1155*	
4297 AUTUMN OIL CO	SEVEN MILE FLATS	OHARA	23,24-5S-8E	8*	802*	0.2	49	8*	621*	
4301 AUTUMN OIL CO	TRUMBULL U	AUX VASES	13,14,23-5S-8E	100*	5727*	5.5*	573*	100*	2997*	
4367 COY OIL CO		OHARA								
4429 OEE DRILLING	460-SOUTH	AUX VASES	14-5S-8E	90*	1033*	1.3	50	80*	1033*	
		MCCLOSKY								
4336 FEAR AND OUNCAN	MOORE-NIBLING UNIT	MCCLOSKY	7-5S-9E	*	*	0.5	37	5+	544+	
TRUMBULL N, WHITE	STOCKE	AUX VASES	24-4S-8E		36		1		5	
*4406 SHULMAN BROTHERS		MCCLOSKY								
VALIER, FRANKLIN	RHEN-REA	AUX VASES	8-6S-2E	50*	742*	4.8	84+	50*	742*	
1324 EBER MCKENOREE										
WALPOLE, HAMILTON	WALPOLE WEST U	AUX VASES	28,33-6S-6E	20*	2292*	0.9	300	20*	1390*	
1532 HERMAN GRAHAM	WALPOLE UNIT	AUX VASES	22,26,27,34,35-6S-6E		21243		2342		11723	
*1518 TEXACO, INC.	WALPOLE EAST UNIT	AUX VASES	26,35-6S-6E		1225		170		588	
*1546 TEXACO, INC.	WALPOLE STE. GEN UNIT	SPAR MTN	26,27-6S-6E	14	1818*	4.6	203	156	1524	
1573 TEXACO, INC.		MCCLOSKY								
*1517 UNIVERSAL OPTNG	WALPOLE UNIT	AUX VASES	3-7S-6E		1486		79		977*	
WAMAC, CLINTON, MARION, WASHINGTON	WAMAC WATERFLOOD	PETRO	19,30-1N-1E		4		7		11	
*2610 MINERAL REC. INC	WAMAC UNIT	PETRO	19,30-1N-1E		5,1		35		221	
*2611 DEWEY STINSON										
WAMAC W, CLINTON	JACKSON, MAROON-HODGES	CYPRESS	29-1N-1W	50*	1914*	2.3+	97*	50*	1914*	
4021 G. JACKSON	WAMAC W. BENOIST U	BENOIST	22-1N-1W	303	7566	4.8*	566*	221	5638	
414 JET OIL CO.	WAMAC W CYPRESS U	CYPRESS	20,21-1N-1W	45	785	10.5	309	12	228	
418 JET OIL CO.										
WEST FRANKFORT C, FRANKLIN	MORN-OIMONO "B"	OHARA	24,25-7S-2E		613*		100*		467*	
*1307 CONYERS OIL WELL	W FRANKFORT U	MCCLOSKY								
*1301 FARRAR OIL CO.	ORIENT U	TAR SPRINGS	18,19-7S-3E		4792		561		3021	
*1308 FARRAR OIL CO.	TEW-SINKS	TAR SPRINGS	12-7S-2E		476		29		444	
1313 KILLION MCCLM.	BONER-MERRIMAN U	AUX VASES	19,20,29-7S-3E	444	3034	*	344*	*	840	
*1322 KILLION MCCLM.	SW FRANKFORT U	AUX VASES	31-7S-3E		287		60		49	
1333 KILLION MCCLM.		TAR SPRINGS	24,25-7S-2E; 19,30-7S-3E	439	2731	32.0	277	366	1542	
1342 KILLION MCCLM.	RANSON	AUX VASES	29-7S-3E	92*	320	13.5	110	70*	459*	
1336 PROSPECT PETRO.	CORPW FRANKFORT U	MCCLOSKYS	1-7S-2E; 6-7S-3E	4	585*	1.0	109	4	434*	
*1340 S AND M OIL CO.	GARONER-OIAMONO	OHARA	13,24-7S-2E		350*		19*		350*	
*1315 TEXAS AMERICAN	PONO CREEK	TAR SPRINGS	25-7S-2E		1031		151		336	

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82					INJECTION WATER					REMARKS
FIELD, COUNTY										NO. OF					SOURCE TYPE					
PROJ.	DEPTH	NET	PDR	PERM	OIL	DATE	DATE	WELLS	ACRES	SD=SAND	(F)=FRESH	UNDER	GR=GRAVEL	(B)=BRINE	PROD=PRODUCED (M)=MIXED					
NO.	(FT)	PAT	(X)	(MD)	(API)	FIRST	ABD.	INJ.	PRDD.	INJ.	SM=SHALLOW									
	(FT)																			
*****																				
SUMPSTER E, WHITE																				
4381	3140	18.0				02-66		3	7	70	PENN SD, PRDD (B)				*ESTIMATED; +INJ. SUSP. 1978					
4420	3150	11.3				04-70		3	14	400	GRAVEL & PRDD(M)				*INCL PRIM; +ADJ. BY OPERATOR					
*4408	3090	15.0				07-65		1	3	50	RIVER GRAV, PROD (M)				*INJ TERMINATED 1974; *ESTIMATED					
	3165	8.0					12-66	1	1	20										
4231	3020	20.0	19.7	57	37.0	10-65		3	3	170	RIVER GRAV, PRDD (M)									
	3100	10.0	10.5	15	37.0															
4425	2830	25.0				04-67		2	10	150	SH SD, PRDD (M)				*EST +INCL PRIM					
4424	3170	10.0				06-67		3	8	140	PENN SD, PRDD (B)				*EST +INCL PRIM PROD					
SUMPSTER N, WHITE																				
4221	3170	10.3				06-66		1	2	180	SH SD, PROO (M)									
4423	3175	20.0				11-58		1	2	100	PRODUCED (B)									
SUMPSTER S, WHITE																				
4430	2550	6.5	15.4	55	34.7	11-72		3	4	80	ONE WATER SUP WELL (F)									
4437	2550	10.0				3-74		1	1	20	PRODUCED (B)									
*4345	3240	10.7	19.0	55	36.2	09-63	07-70	5	4	100	SH SD, PROD (M)									
*4346	3240	11.7	19.0	55	36.2	10-63	07-70	4	3	70	PENN SD (F)									
TAMARCA, PERRY																				
3100	1140	10.0	24.3	349	31.5	12-61		3	4	180	PDND, PROD (M)				*ESTIMATED SINCE 1973					
TAMARCA S, PERRY																				
3101	1125	12.0			27.6	01-62		1	4	60	PRODUCED (B)				*ESTIMATED					
THACKERAY, HAMILTON																				
1551	3368	15.0	24.0	270		04-64		9	6	420	CTP, PROO (B)				*EST. SINCE 1980					
1570	3350	16.0	20.3	174	39.2	12-69		3	3	120	CTPRESS (B)				*EST. SINCE 1980					
THOMPSONVILLE E, FRANKLIN																				
*1302	3200	18.0	21.1	98	38.0	07-54	01-71	3	3	60	PRODUCED (B)									
THOMPSONVILLE N, FRANKLIN																				
*1305	3120	16.0	19.5	50	38.6	03-54	01-64	7	3	176	LAKE, PRDD (M)				*NO DATA SINCE 1962					
1331	3100	15.0				11-68		2	6	120	PENN SD, PROO (B)				*ADJ. BY OPERATOR					
*1304	3020	15.0	21.0	115	37.0	01-56	12-64	7	7	236	LAKE, PROD (M)									
*1303	3075	25.0	22.0	170	37.5	10-55	04-62	5	5	100	CTP, PROD (B)									
TONTI, MARION																				
2609	1950	6.0			36.2	04-59		2	3	60	PRODUCED (B)				*EST; +INCL PRIM PRDD SINCE 4-59					
	2122	7.0						1	2	40										
2634	2152	10.0			36.0	02-67		1	4	50	PRODUCED (B)				*ESTIMATED SINCE 1975					
2621	1940	18.0				05-75		10	12	320					*ADJ.					
	2010	20.0			36.0	05-75														
	2110	8.0	17.3	169		02-64														
	2140	18.0	14.1	196		02-64				140										
*2622	2108	8.0	17.3	169	36.0	03-64	12-65	1	2	30	PRODUCED (B)									
TRUMBULL C, WHITE																				
4362	2848	12.0	16.0	40	35.0	11-62		6	4	180	SH SD (F)				*ESTIMATED SINCE 1972					
4297	2800	8.0				06-65		1	2	30	PRODUCED (B)				*ESTIMATED					
4301	3180	3.0				01-66		2	7	90	PRODUCED (B)				*ESTIMATED					
4367	3150	11.0	18.0		38.4	01-71		6	19	300	SANO (M)				*ESTIMATED SINCE 1973					
	3200	16.0						1	5	60										
4429	3120	15.0				10-69		1	2	50					*ESTIMATED					
	3230	8.0						1	2	30										
4336	3283	5.0	12.8	136	37.0	11-61		*	1	40	TAR SPR, PRDD (B)				*O.F.; *EST.					
TRUMBULL N, WHITE																				
*4406	3320	10.0			36.0	09-65	09-66	1	1	20	CTPRESS (B)									
	3468	7.0						1	1	40										
VALIER, FRANKLIN																				
1324	2670	8.0			39.2	11-64		1	1	70	PRODUCED (B)				*ESTIMATEO; +INCL PRIM PRDD					
WALPOLE, HAMILTON																				
1532	3200	15.0	22.1	190	39.0	07-62		4	4	160	PENN SD, PROO (B)				*ESTIMATED SINCE 1971					
*1518	3100	15.4	18.3	106	36.2	12-60	04-69	14	19	1640	PENN SD, PRDD (B)									
*1546	3100	17.0	15.4	18	36.7	09-63	01-69	4	3	160	PENN SD, PRDD (B)									
1573	3200	12.0	12.0		37.6	03-73		*	2	280	PRDD SUPPLY (B)				*INJ. DISC. 5-82					
	3250	18.0	10.0																	
*1517	3180	18.0	20.3	134	37.4	01-60	09-66	4	3	80	PENN SD, PRDD (B)				*EST FOR 1964-1966					
WAMAC, CLINTON, MARION, WASHINGTON																				
*2510	765	18.0	21.3	220	35.0	05-54	10-65	6	15	120	CITT WATER (F)									
*2611	750	20.0	20.3	183	30.0	07-57	12-60	6	13	50	CITT WATER (F)									
WAMAC W, CLINTON																				
4021	1300	7.5				11-66		1	5	70	PRODUCED (B)				*EST, +INCL PRIM PRDD SINCE 1966					
414	1450	13.6				11-62		1	9	50	LAKE, PRDD (M)				*INCL PRIM PRDD SINCE 11-62					
418	1290	8.8				10-65		2	6	30	PENN SD, PRDD (B)									
WEST FRANKFORT C, FRANKLIN																				
*1307	2760	10.0	15.0	205	38.0	07-59	12-72	1	2	60	PRODUCED (B)				*ESTIMATED SINCE 1967					
	2845	7.0						1	2	60										
*1301	2050	31.3	17.1	155	40.3	11-57	07-65	6	6	141	CTPRESS, PROD (B)									
*1308	2050	12.1			40.1	09-59	12-63	4	3	70	CTPRESS, PROD (B)									
1313	2730	12.0			38.0	09-62		2	1	120	LAKE, PRDD (M)				*INACTIVE: SWD SINCE 1973					
*1322	2750	12.0			38.0	08-65	12-73	2	2	70	PENN SD, PROO (B)									
1333	2050	40.0			38.0	02-71		3	15	120	LAKE & PRDD (M)									
	2735	15.0			38.0	12-76		2	5	80	LAKE (F)				*EST. 1982					
1336	2720	8.0				12-71		1	1	40	LAKE (F)									
*1340	2750	11.0				11-66	10-72	4	10	210	PRODUCED (B)				*ESTIMATED-NO DATA RECEIVED					
*1315	2060	10.0	17.1		38.0	08-62	12-67	2	3	70	PRODUCED (B)									

Table 11. continued

GENERAL INFORMATION					PRODUCTION AND INJECTION STATISTICS (M BBLs)					
FIELD, COUNTY	PROJECT	PAY NAME	LOCATION		WATER INJECTION	OIL PRODUCTION	WATER PRODUCTION			
PROJECT NO., OPERATOR	U = UNIT		S - T - R							
* = ABO					TOTAL * CUM.	TOTAL * CUM.	TOTAL * CUM.			
* = P.M.					1982 * 12/82	1982 * 12/82	1982 * 12/82			
WEST SEMINARY, CLAY										
* 346 SHULMAN BROTHERS	WEST SEMINARY UNIT	AUX VASES MCCLOSKEY	5,6,8-2N-7E		4701	378	2636			
WESTFIELD, CLARK, COLES										
221 ASHLEY OIL CO.	WESTFIELD TRENTON U	TRENTON	5,6,7,8,17,18-11N-14W	300*	2643*	15.1	127	250*	782*	
* 231 ASHLEY OIL CO.	SHERWOOD STEAM FLOOD	CASEY GAS	32-11N-14W		1*		1		6	
* 200 FOREST OIL CO.	WESTFIELD POOL	WESTFIELD	17-11N-14W		3956		15			
* 222 FOREST OIL CO.	PARKER	CASEY GAS	30-11N-14W		663		34			
224 FRAZIER ENT.	APEX	PENN	4-11N-14W	*	24*	*	1			
* 502 GEN. OPERATIONS	JOHNSON	CASEY GAS	7,18,19-11N-11E		205		13		75	
			18-11N-14W							
WESTFIELD E, CLARK										
206 JUOITH NEUMAN	MORRILL	PENNSYLVNIN	12-11N-14W	30*	661*	1.8	62	30*	504*	
WHITTINGTON, FRANKLIN										
*1329 T. W. GEORGE EST.	WILCOX	HAROINSBURG	20,29-5S-3E		130		23		90	
		CYPRESS								
1334 GREAT PLAINS RES.	WHITTINGTON	HAROINSBURG	20-5S-3E	100*	2225	11.3	132	100*	1289	
		CYPRESS								
1338 M & W OIL CO	STEEL-LAKE	CYPRESS	19-5S-3E	100*	1349*	5.3	121	100*	1400*	
1341 H & W OIL CO	WHITTINGTON SOUTH U	HAROINSBURG	29,30-5S-3E	120*	2090*	6.2	165	120*	1915*	
1337 JUNIPER PETROLEUM C	SE WHITTINGTON	CYPRESS	21,28,29,32,33-5S-3E	59	2234	5.1	166	39	1540	
		OHARA								
		MCCLOSKEY								
WHITTINGTON W, FRANKLIN										
*1344 JOHN C. BOWERS	PLAINS PL.	RENAULT	12-5S-2E		760*		137*		760*	
*1312 KENANEE OIL CO.	PLAINS	RENAULT	1,2,11,12,14-5S-2E		3375		363		1137	
WILBERTON, FAYETTE										
1246 W. L. BELOEN	ST PETER AREA	CARPER	11,12,13-5N-2E; 7,17,18,19-5N-3E	90	12465	22.0	996*	90*	9754*	
WILLIAMS C, JEFFERSON										
2019 N. A. BALORIOGE	WILLIAMS SOUTH UNIT	AUX VASES	10,11-3S-2E	30+	2078*	0.9	527*	30+	1296*	
2028 WALTER OUNCAN	MOOGE	BENOIST	2-3S-2E	22	569	1.3	35	22	569	
2033 PEP ORILLING CO.	LEFFLER	AUX VASES	35-2S-2E; 2-3S-2E	36	1333*	4.1	160*	36+	1333*	
2032 BERNARD POOLSKY	MCLAUGHLIN	BENOIST	2-3S-2E	18*	157*	1.3	36*	18*	157*	
		AUX VASES								
WOBURN C, BONO										
3 BI-PETRO, INC.	BLANKENSHIP AREA	DEVONIAN	34-7N-2W	+	263*	9.8	62**	+	455*	
* 4 E. E. JENNEMAN	SPINOLER LSE	BENOIST	10-6N-2W		194		11		194	
WOOLAWN, JEFFERSON										
2005 K W B OIL PROP.	MGHTHOPIA	CYPRESS	2-3S-1E	280	3504	10.9	231	256	3176	
2024 MOBIL OIL CORP.	KAMINSKI ESTATE	BENOIST	2-3S-1E	162	2251	8.2	385	187	2344	
*2023 TEXACO, INC.	WALKER 7	CYPRESS	2-3S-1E		255		5		177	
		BENOIST								
2034 CHARLES P. WOOD	BURKHAROT	BENOIST	35-2S-1E	15*	1055*	1.4 +	281*	15*	1055*	
YORK, CLARK, CUMBERLAND										
* 706 C. KEYSER	CUMBERLAND UNIT	ISABEL	1-9N-10E		37				3	
* 703 TRANS-SOUTHERN	YORK	ISABEL	6-9N-11E		604		20		290	
ZEIGLER, FRANKLIN										
1316 V. R. GALLAGHER	BENO LEASE	AUX VASES	20-7S-2E	15*	330	2.4	265*	15*	109	
1320 V. R. GALLAGHER	PLUMFIELD U	AUX VASES	13,24,25-7S-1E; 18-7S-2E	200*	4930	5.9	1934*	150*	2545	
ZENITH E, WAYNE										
*4090 NAPCO	OURKEE	SPAR MTN	4-1N-6E		800*		160**		800*	

Table 11. continued

RESERVOIR STATISTICS (AV. VALUE)										DEVELOPMENT AS OF 12-31-82				INJECTION WATER					
FIELD, COUNTY										NO. OF		ACRES		SOURCE		TYPE			
PROJ.	DEPTH	NET	POR	PERM	DIL	DATE	DATE	WELLS	ACRES	SD=SAND	UNOER	GR=GRAVEL	PROD=PRODUCED	(F)=FRESH	(B)=BRINE	(M)=MIXED	REMARKS		
NO.	(FT)	PAY	(X)	(MD)	GRAV	FIRST	ABO.	INJ.	PROD.	INJ.									
		(FT)			(API)	INJ.		INJ.	PROD.	INJ.				SH=SHALLOW					
WEST SEMINARY, CLAY																			
* 346	2970	9.0	19.0		37.2	03-64	12-68	15	8	290				PENN SD, PRDD (B)					
	3080	9.0						4	5	180									
WESTFIELD, CLARK, COLES																			
221	2350	60.0	4.0		39.0	01-75		13	37	1000							*ESTIMATED SINCE 1977		
* 231	250	20.0	20.0	250	25.0	02-64	04-64	2	1	10				CITY WATER (F)			*ONE TON OF STEAM, STEAM SDAK		
* 200	290	15.0	19.0	17	34.0	01-66	03-70	20	9	30				GRAVEL BED (F)					
* 222	270	25.0	17.9	153	28.1	06-50	04-61	9	12	20				GRAVEL BED (F)					
224	340	60.0			34.8	03-67		6	5	40				CARPER, WELL (M)			*INJECTION DISC. 1977		
* 502	320	35.0	21.5	86	29.0	06-51	12-62	30	14	60				LAKE, PRDD (M)					
WESTFIELD E, CLARK																			
206	370	20.0	22.0	400	34.9	01-66		4	10	60				PRODUCED (M)			*ESTIMATED		
WHITTINGTON, FRANKLIN																			
*1329	2300	10.0				09-67	12-80	4	3	70				LAKE, PROD (M)					
	2530	10.0				07-64		1	1	40									
1334	2300	12.0				08-71		3	5	90				PRODUCED (B)					
	2500	8.0						3	6	90									
1338	2530	10.0				12-71		2	4	60				PRODUCED (B)			*ESTIMATED		
1341	2300	10.0				07-72		4	12	180				PRODUCED (B)			*ESTIMATED		
1337	2500	8.0				10-71		3	4	100				LAKE, PROD (M)					
	2810	8.0																	
	2900	5.0																	
WHITTINGTON W, FRANKLIN																			
*1344	2740	11.0				03-62	07-71	1	5	70				PRODUCED (B)			*ESTIMATED		
*1312	2675	10.0	13.0	13	38.0	02-61	05-67	7	8	270				PENN SD, PROD (B)					
WILBERTON, FAYETTE																			
1246	3250	25.0				10-65		3	37	1180				BENDIST, PRDD (B)			*EST +INCL PRIM PRDD		
WILLIAMS C, JEFFERSON																			
2019	2555	11.0	17.6	50	37.0	10-64		2	3	119				PENN SD, PROD (B)			*PARTIAL WF SINCE 1-53		
																	DATA SINCE 10-64; *ESTIMATED		
2028	2500	7.0				06-67		1	1	20				PRODUCED (B)					
	2550	10.0																	
2033	2580	20.0				5-60		2	3	70				PRODUCED (B)			*INCL. PRIM SINCE 60; *EST.		
2032	2525	10.0				7-66		1	3	180							*INCL. PRIM SINCE 66; *ADJUSTED		
	2596	10.0							4										
WOBBURN C, BOONE																			
3	2240	20.0			35.5	11-67		1	2	40				PRODUCED (B)			*TEMP. ABD 72-75; +INJ DISC; #ADJ.		
* 4	1006	14.0				09-51	08-56	1	4	30				PRODUCED (B)					
WOODLAWN, JEFFERSON																			
2005	1760	10.0				09-68		3	7	40				PRODUCED (B)					
2024	1950	17.0				01-65		1	3	40				PRODUCED (B)					
*2023	1790	10.0	14.0	225	35.9	03-64	12-65	1	2	40				PRODUCED (B)			*DISC AS WF, SWD ONLY		
	1950	27.0						1	2	40									
2034	1965	22.0				11-52		2	5	70				PRODUCED (B)			*EST +INCL PRIM SINCE 1952		
YORK, CLARK, CUMBERLAND																			
* 706	556	11.0	17.8	80	33.8	06-61	12-63	1	2	30				PENN SD (B)					
* 703	590	10.0	21.9	231	30.3	10-50	12-58	3	7	15				PRODUCED (B)					
ZEIGLER, FRANKLIN																			
1316	2620	12.0	21.5	75	38.9	10-68		1	2	40				PENN SAND, PRDD (B)			*EST SINCE 1980; +INCL. PRIM. 68 ON		
1320	2650	15.0	21.5	75	38.9	02-65		6	6	380				PENN SD, PRDD (B)			SINCE PDOL DISCOVERY 7-12-63		
																	*EST SINCE 1980		
ZENITH E, WAYNE																			
*4090	3180	8.0				02-67	12-72	2	10	220				PRODUCED (B)			*EST; INCL PRIM 1966-72		



Table 12. Illinois waterfloods for 1982, by counties.

County	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total production	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**
Bond	5	3	33	51	685	905	261	2,871	19.5	241	74	1,750
Christian	8	0	72	142	3,650	6,060	3,912	67,489	142.2	6,104	3,338	39,230
Clark	7	21	534	528	4,695	12,693	1,540	206,349	72.4	9,758	621	83,661
Clay	48	44	395	609	20,167	22,052	8,989	316,645	445.8	29,416	8,137	206,439
Clinton	15 <sup>†</sup>	6	131	254	7,134	7,550	3,377	99,551	132.5	17,792	3,262	167,859
Coles	11	15	181	250	5,485	5,925	310	76,619	34.9	6,137	309	40,311
Crawford	50	48	1,490	2,000	23,946	32,236	14,009	1,083,246	432.6	59,343	13,260	616,825
Cumberland	5	3	347	480	2,448	2,479	1,800	119,591	68.4	14,225	1,330	35,314
Douglas	0	3	34	56	1,220	1,310	0	12,532	0.0	1,631	0	1,977
Edgar	7	1	24	62	780	760	480	18,691	60.8	1,818	480	18,641
Edwards	26 <sup>†</sup>	17	156	290	6,485	9,105	3,929	133,721	179.6	15,043	2,782	88,178
Effingham	17	5	67	172	3,895	4,621	1,599	82,862	115.2	8,560	1,429	54,811
Fayette	47	9 <sup>††</sup>	802	1,196	41,821	55,300	12,670	1,639,366	1,596.4	194,433	49,498	1,204,199
Franklin	24	20	220	328	10,383	11,489	4,531	303,601	192.0	32,382	4,465	215,803
Gallatin	28	32 <sup>††</sup>	322	459	11,878	14,363	2,424	164,437	187.3	22,791	1,820	71,192
Hamilton	29	48	385	596	22,003	31,978	4,680	507,496	141.9	38,131	4,998	329,334
Jasper	12	19	87	227	8,990	9,853	4,038	122,027	217.9	9,107	4,691	72,970
Jefferson	23 <sup>†</sup>	14	119	237	8,917	8,730	3,783	226,388	206.4	27,890	4,045	160,818
Lawrence	67	27	1,661	2,093	27,289	32,243	18,099	1,129,452	868.7	110,010	21,990	866,560
Macon	0	1	1	2	80	80	0	6	0.0	0	0	4
Macoupin	1	0	2	7	40	40	0	16	0.0	1	0	2
Madison	7	3	33	74	1,650	2,544	946	22,546	34.6	1,297	824	16,005
Marion	26	14	449	1,049	36,756	44,503	93,887	2,511,787	1,568.4	137,151	86,097	1,889,871
Montgomery	0	1	2	2	20	40	0	38	0.0	6	0	15
Perry	2	0	4	8	240	320	100	3,772	4.8	183	100	3,218
Richland	24	26	182	359	17,122	16,822	7,454	302,771	202.5	17,627	7,954	250,676
Saline	15	12	93	149	3,640	5,010	2,793	99,815	99.2	8,299	2,578	47,732
Shelby	3	1	10	16	430	670	289	6,212	21.9	982	259	5,647
Wabash	82	75	591	897	23,060	25,829	6,411	404,696	480.0	44,064	6,208	221,270
Washington	26	2	78	237	3,959	5,236	3,017	109,556	124.2	12,040	2,855	102,279
Wayne	90	62	708	1,072	53,142	61,410	17,937	766,417	572.0	61,809	14,910	421,830
White	151	111	1,673	2,248	53,091	68,053	28,885	1,094,049	1,403.3	109,595	28,176	637,512
Williamson	5	0	13	26	540	680	309	6,116	30.4	1,150	168	1,839
TOTAL	861	643	10,899	16,176	405,641	500,889	252,459	11,640,731	9,655.8	999,016	276,658	7,873,772

\*Acreage data are incomplete in a few counties.

\*\*Projects not reporting in 1982 are included as of last reporting date.

†Not all projects reported produced water.

†Includes 1 active pressure maintenance project.

††Includes 1 abandoned pressure maintenance project.

Table 13. Illinois oil fields having active waterfloods during 1982.

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total in production	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**
Aden C	2	2	41	36	3,380	3,940	200	35,659	4.1	1,917	216	11,943
Akin	2	3	9	18	380	510	9	3,572	1.1	511	9	3,138
Albion C	19	11	110	200	4,364	5,958	2,918	126,178	114.2	13,612	2,342	80,988
Albion East	1	0	8	15	400	820	165	1,669	31.8	454	165	1,630
Allendale	18	21	140	188	2,993	3,403	1,210	96,624	44.4	7,685	885	37,013
Ashley	1	0	4	14	180	180	150	4,550	6.5	289	150	4,550
Ashley E	1	0	2	4	60	60	25	980	0.7	59	25	980
Assumption C	5	0	28	53	1,200	2,630	878	45,558	42.1	5,155	704	23,817
Barnhill	2	5	37	52	960	1,050	166	16,643	1.0	2,024	214	3,803
Bartelso	1	2	22	27	320	320	75	7,099	3.3	965	75	5,078
Beaucoup	1	0	1	4	280	367	96	1,856	1.5	24	96	958
Beaucoup S	2	0	8	11	257	257	42	10,915	3.6	496	240	10,016
Beaver Creek	1	1	2	5	50	90	22	564	1.2	46	29	454
Beaver Creek S	2	0	4	15	180	180	125	2,877	8.9	339	125	2,841
Bellair	2	1	106	130	717	747	315	97,041	10.8	2,745	315	44,042
Belle Prairie	1	0	1	8	160	160	0	620	3.3	148	0	560
Beman	1	1	6	9	280	280	30	1,420	0.8	67	30	1,104
Benton	2	0	41	54	3,390	3,390	2,178	235,160	36.6	21,451	2,777	175,991
Benton N	1	2	30	47	910	1,100	0	8,372	0.0	1,319	0	4,011
Berryville C	1	2	3	5	121	320	50	1,902	1.1	416	50	1,013
Bone Gap C	2	0	2	12	180	270	132	3,870	4.8	637	77	3,524
Boyd	1	0	7	18	2,133	2,133	200	77,977	6.7	4,357	200	47,799
Brown	1	0	1	2	40	40	20	529	1.5	35	10	265
Browns	3	0	16	25	930	1,036	543	7,019	20.5	941	128	2,480
Browns E	1	3	27	32	673	1,010	100	5,614	0.7	1,651	10	1,968
Bungay C	7	5	47	87	2,360	2,530	593	45,763	18.1	4,172	586	31,081
Calhoun S	1	0	1	5	40	300	8	393	1.2	178	8	393
Carlyle N	1	0	1	7	80	100	60	1,300	3.8	114	60	723
Carmi	1	0	1	2	60	60	50	608	1.2	90	50	608
Carmi N	1	0	1	4	80	80	20	1,085	1.1	82	20	845
Centerville	1	1	2	2	40	40	15	488	0.7	22	15	232
Centerville E	4	1	98	99	2,160	2,160	490	40,185	15.3	3,723	490	30,293
Central City	1	0	25	452	60	60	25	452	1.1	31	25	452
Centralia	5	2	59	112	4,704	4,824	1,994	52,080	56.7	12,504	1,994	133,232
Clay City C	101	57	697	1,242	59,196	63,178	24,374	897,293	975.2	66,372	22,403	584,158
Coil	3	0	6	12	510	530	293	7,547	20.8	1,459	208	3,940
Coil W	1	2	9	13	285	310	90	2,989	7.6	322	55	1,440
Concord C	3	12	56	87	1,733	2,190	113	25,460	8.8	2,601	113	14,552
Concord E C	1	2	8	10	190	190	30	1,550	0.7	122	30	1,357
Cordes	3	0	18	27	1,025	1,255	414	34,561	14.0	6,741	434	38,697
Corinth	1	0	2	3	130	180	58	408	14.7	111	40	92
Dale C	19	36	283	450	16,223	25,958	3,933	419,544	119.3	28,954	4,131	271,199
Deering City	1	0	1	3	160	50	54	641	2.5	125	54	561
Divide C	5	1	14	33	1,780	1,535	811	40,345	28.6	2,208	708	29,786
Dubois C	5	1	15	49	680	680	180	4,780	10.9	453	180	4,121
Dudley	7	0	12	50	480	460	480	6,691	60.8	1,218	480	6,641
Edinburg W	1	0	1	13	160	840	14	1,084	1.9	154	14	1,094
Eldorado C	6	4	38	65	1,800	2,560	2,037	63,492	57.0	4,845	1,827	30,348
Energy	1	0	2	4	100	130	30	1,489	4.6	109	0	1,298
Enfield	1	4	10	15	540	709	216	4,584	33.1	692	35	2,206
Exchange N C	1	0	2	4	400	400	211	4,097	2.0	500	100	1,493
Exchange W	1	0	2	7	511	511	50	1,246	8.6	148	50	591
Friendsville Cen	1	0	1	1	180	180	2	2	2.5	3	2	2
Frogtown N	1	0	3	8	140	140	0	0	8.2	113	0	0
Gard's Point	2	0	2	11	220	260	54	1,573	5.8	139	54	1,494
Germantown E	1	0	2	11	300	300	100	5,118	5.0	1,254	100	5,118
Goldengate C	5	13	129	122	4,809	5,360	422	37,033	35.2	3,160	418	16,143
Goldengate N C	2	1	6	7	140	140	0	1,417	0.0	174	0	795
Half Moon	2	0	7	12	550	1,560	52	13,233	3.8	958	52	5,779
Harco	2	0	6	8	290	310	131	5,343	7.2	340	126	3,273
Herald C	16	10	90	139	3,436	4,821	1,058	45,933	115.0	5,526	932	21,984
Hill E	2	1	5	27	380	380	34	8,540	2.1	516	34	6,455
Hord	1	0	1	2	50	70	12	224	1.5	44	12	158
Ingraham CF	4	1	13	27	1,102	1,357	48	16,979	5.9	1,724	26	11,510
Inman E C	6	7	137	192	4,410	4,795	264	64,657	19.5	10,094	289	21,611

Table 13. continued

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Pro-ducers	Subject to injection	Total in production	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**
Inman W C	12	9	80	108	3,319	3,925	680	34,879	46.8	3,963	527	18,609
Iola C	10	3	57	107	3,095	3,673	1,533	73,228	75.0	4,295	1,466	49,488
Irrington	7	0	16	88	960	2,000	1,325	29,837	67.0	2,387	1,325	29,984
Irrington E	3	0	4	21	250	250	140	4,110	13.8	622	140	4,110
Iuka	1	0	1	3	270	270	29	119	4.8	123	24	586
Johnson N	2	4	121	126	564	1,065	440	36,366	16.3	2,586	301	23,945
Johnson S	1	3	48	63	1,239	1,439	730	116,481	38.3	3,346	0	33,226
Johnsonville C	7	3	71	116	10,890	12,960	7,024	206,676	196.0	15,487	6,847	141,426
Johnsonville W	1	3	12	21	520	620	344	8,232	2.3	893	100	3,378
Johnston City E	2	0	8	15	260	320	218	4,166	9.5	768	125	400
Johnston City N	1	0	1	4	50	50	3	53	1.6	162	3	49
Junction E	1	0	4	5	100	100	70	1,225	2.0	77	70	1,031
Keensburg S	2	1	9	14	280	450	345	7,968	17.3	654	345	5,101
Kenner W	1	0	1	7	520	520	37	16,568	2.9	538	37	4,836
Kincaid C	1	0	42	69	2,200	2,500	3,000	20,742	83.1	728	2,600	14,214
King	2	2	9	12	290	360	43	3,765	2.3	412	43	2,277
Lancaster	3	0	28	45	840	1,015	66	8,335	5.3	1,946	63	2,860
Lancaster S	1	1	3	12	150	150	10	1,265	0.5	252	10	908
Lawrence	58	19	1,585	1,994	25,156	29,711	17,899	1,105,909	859.5	107,256	21,825	852,541
Lawrence W	1	1	12	19	447	447	40	1,646	2.0	217	40	760
Lexington	1	0	3	6	200	280	0	2,743	0.0	69	0	911
Lillyville	1	0	2	2	160	160	140	2,904	5.1	319	140	1,161
Livingston S	3	0	4	25	370	310	160	3,049	11.9	284	151	2,061
Louden	39	8	770	1,087	39,102	52,107	11,205	1,584,884	1,516.9	189,981	47,841	155,142
Main C	48	47	1,384	1,870	23,229	31,489	13,694	986,205	421.8	56,598	12,945	572,783
Maple Grove C	2	3	13	30	720	870	0	2,925	0.0	441	0	2,211
Marine	1	0	3	7	240	964	300	3,654	4.7	56	300	3,586
Mason N	1	0	1	3	130	130	140	2,973	1.6	187	140	3,009
Mattoon	10	9	122	189	4,305	4,595	285	65,338	33.4	5,411	284	33,619
Mattoon N	1	0	5	8	160	160	25	1,745	1.5	171	25	1,745
Maunie N C	3	8	45	72	1,670	2,510	40	17,760	7.0	3,025	40	10,145
Maunie South C	2	4	73	64	1,430	1,450	150	26,237	15.2	3,331	151	18,198
Miletus	1	0	1	1	20	20	25	394	1.1	23	25	389
Mill Shoals	9	7	53	67	2,199	2,640	400	41,027	21.9	2,959	426	22,383
Mode	1	0	5	9	160	360	100	811	6.0	360	70	756
Montrose N	1	0	1	1	40	40	0	103	0.1	12	0	9
Mt. Carmel	14	18	120	162	4,903	5,170	1,499	58,854	160.9	6,191	1,126	34,279
New Harmony C	79	48	801	1,199	28,024	33,245	15,054	570,134	796.2	66,875	12,031	320,855
New Haven C	2	3	24	33	1,085	1,302	110	4,445	11.8	1,455	115	1,345
New Memphis	1	0	3	23	580	640	500	10,015	21.6	489	500	7,695
Oakdale N	1	0	1	4	290	290	146	2,070	1.8	354	180	1,998
Oak Point	1	1	20	14	360	480	40	4,318	0.9	219	40	4,005
Odin	1	0	4	9	120	290	423	9,500	2.4	1,329	423	1,237
Old Ripley	2	0	24	35	445	445	234	1,492	8.3	105	40	475
Olney C	1	8	33	44	2,238	2,418	55	18,085	1.4	1,597	52	11,357
Omaha	5	2	25	52	1,631	2,910	1,082	28,775	64.4	5,151	741	16,167
Omaha W	1	0	1	7	100	100	140	2,758	10.0	190	140	2,553
Orchardville	2	0	4	4	110	230	56	798	4.2	152	40	330
Orient	1	0	1	1	40	40	30	598	1.8	208	15	201
Oskaloosa	1	1	15	10	596	596	25	2,288	0.7	1,358	25	4,255
Pana	1	0	1	7	90	90	20	105	15.1	67	20	105
Parkersburg C	1	5	13	25	736	806	46	6,490	0.1	344	46	2,518
Patoka	3	2	72	77	1,713	1,713	311	90,716	12.9	9,120	311	70,891
Patoka E	3	1	9	27	320	580	524	14,220	36.7	1,048	828	12,189
Patoka S	3	0	34	41	860	980	470	16,060	20.2	1,314	426	11,334
Phillipstown C	25	15	167	296	5,571	8,082	3,136	71,766	272.6	14,127	2,694	45,384
Raccoon Lake	1	1	3	8	335	335	351	7,659	6.3	297	354	8,463
Raleigh	1	2	22	19	440	590	60	7,332	2.3	1,296	60	2,021
Raleigh S	2	2	8	10	310	490	135	6,226	5.3	458	135	3,846
Reservoir	1	1	2	5	130	130	15	990	3.7	164	15	990
Richview	5	0	11	33	427	367	735	20,012	17.7	1,493	355	10,907
Rochester	3	0	12	22	400	480	0	24,211	0.8	1,530	0	8,528
Roland C	17	14	257	321	10,716	13,870	5,273	227,826	193.6	19,211	6,936	127,830
Ruark	2	0	2	3	96	220	64	1,394	2.8	174	32	755
Ruark W	1	2	20	19	420	420	0	6,623	0.0	750	0	4,411

Table 13. continued

Field	Number of active projects	Number of abandoned projects	Wells		Acres in waterflood projects*		Water injection (M bbl)		Oil production (M bbl)		Water production† (M bbl)	
			Water input	Producers	Subject to injection	Total in production	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**	Total 1982**	Cumulative 12-31-82**
St. Francisville	1	2	5	7	140	150	0	908	0.0	29	0	318
St. Jacob	3	0	13	24	720	950	486	15,635	18.0	926	373	10,358
St. James	7	1	23	76	1,339	1,813	1,359	42,892	56.5	3,595	1,551	39,768
Sailor Springs C	37	25	245	349	8,860	9,903	5,115	167,985	212.0	18,905	4,736	113,617
Salem C	8	5	286	402	32,597	39,444	90,744	2,402,953	1,515.7	138,718	83,051	793,143
Schnell	1	0	1	1	103	103	0	858	0.6	45	1	328
Sesser C	5	1	47	70	2,230	2,330	606	15,421	44.3	2,323	596	9,975
Shattuc	1	0	5	10	150	150	175	1,983	9.7	206	175	1,444
Siggins	3	3	462	579	2,797	2,928	1,660	139,832	63.2	16,604	1,190	54,993
Sorento C	1	1	5	5	120	190	5	358	0.2	17	5	172
Staunton W	1	0	2	7	40	40	0	16	0.0	1	0	2
Stewardson	2	0	4	5	240	280	189	5,391	15.9	618	189	4,881
Storms C	16	6	164	170	3,580	4,450	5,192	201,627	167.4	8,556	7,475	142,526
Sumpter E	5	1	18	46	1,000	1,750	833	14,349	26.5	1,184	396	8,620
Sumpter N	2	0	2	4	280	578	83	2,846	2.4	259	72	1,388
Sumpter S	2	2	13	12	270	310	103	2,661	14.2	347	12	1,168
Tamaroa	1	0	3	4	180	260	50	3,048	2.9	132	50	2,294
Tamaroa S	1	0	1	4	60	60	50	724	1.9	51	50	924
Thackeray	2	0	12	9	540	540	300	17,195	12.1	1,951	260	11,658
Thompsonville N	1	3	21	21	632	726	41	5,926	18.2	1,049	0	1,040
Tonti	3	1	15	23	640	950	2,479	31,145	68.9	1,345	2,610	39,690
Trumbull C	6	0	18	42	780	830	318	12,276	13.6	1,073	323	6,836
Valier	1	0	1	1	70	70	50	742	4.8	84	50	742
Walpole	2	3	26	31	2,320	2,380	34	28,069	5.5	3,094	176	16,202
Wamac W	3	0	4	20	150	300	398	10,265	17.6	972	283	7,780
West Frankfort C	4	6	28	50	1,041	1,411	969	14,269	46.5	1,760	440	7,942
Westfield	2	4	80	78	1,160	7,850	300	7,492	15.1	191	250	863
Westfield E	1	0	4	10	60	60	30	661	1.8	62	30	504
Whittington	4	1	20	35	630	905	379	8,128	27.9	607	359	6,234
Wilberton	1	0	8	37	1,180	1,180	90	12,465	22.0	996	90	9,754
Williams C	4	0	6	14	389	332	106	4,187	7.6	758	106	3,405
Woburn C	1	1	2	6	70	180	0	457	9.8	73	0	649
Woodlawn	3	1	8	19	230	270	457	7,065	20.5	902	458	6,752
Zeigler	2	0	7	8	420	420	215	5,260	8.3	2,199	164	2,654

\*Acreage data are incomplete in a few fields.

\*\*Projects not reporting in 1982 are included as of last reporting date.

†Not all projects reported produced water.

‡Ingraham Consolidated now includes Passport Field.



Table 14. Summary of waterflood statistics, 1949-1982.

Year	No. of active projects	Water injection (M bbl)		Reported waterflood oil production (M bbl)		Estimated dump flood production (M bbl)		Total oil prod. (M bbl)	Waterflood prod. % of total prod.**	No. wells in flood projects		Productive acreage		% of total acreage under flood	Cumulative waterflood oil recovery per acre subjected to injection (bbl)	Cumulative injected water/produced oil
		Annual	Cumulative*	Annual	Cumulative*	Annual	Cumulative*			Infj.	Prod.	Subjected to inj.	Total			
1949	33	20,612	50,983	2,511	10,313	1,500	5,000	64,501	6.2	946	1,055	8,450	375,985	2.2	1,230	4.9
1950	63	44,053	99,040	3,107	13,826	1,500	6,500	62,028	7.4	1,097	1,197	14,123	397,685	3.6	979	7.2
1951	84	57,147	148,279	6,672	21,890	1,500	8,000	60,244	13.4	1,620	5,230	17,646	412,050	4.3	1,241	6.8
1952	131	72,951	221,078	8,752	29,000	2,000	12,000	60,071	17.9	2,160	5,114	31,330	425,025	7.4	926	7.6
1953	167	118,409	335,727	10,086	39,800	2,250	14,600	59,025	20.9	2,849	5,298	37,854	434,100	8.7	1,051	8.4
1954	232	176,012	512,202	15,985	55,687	2,129	17,900	67,000	27.0	3,597	6,686	59,027	500,130	11.8	943	9.2
1955	284	224,579	745,573	24,585	81,131	1,978	19,800	81,131	32.7	4,407	7,163	72,832	521,200	14.0	1,114	9.2
1956	333	271,270	1,014,900	29,600	111,700	1,700	21,500	82,314	38.0	5,307	7,687	92,350	539,315	17.1	1,210	9.1
1957	382	295,750	1,310,000	35,442	147,142	1,750	23,250	76,649	48.5	5,734	7,814	112,000	550,305	20.4	1,316	8.9
1958	443	317,153	1,606,500	40,833	187,338	2,040	25,290	80,779	53.1	6,647	8,567	122,500	562,535	21.8	1,529	8.6
1959	499	345,098	1,954,200	41,360	238,512	2,436	27,720	76,727	57.1	7,327	9,306	136,976	574,625	23.8	1,741	8.1
1960	559	376,563	2,324,200	44,789	283,862	1,750	29,470	77,341	60.2	8,062	9,855	152,823	585,045	26.1	1,857	8.2
1961	658	390,093	2,753,361	50,412	334,716	1,270	30,740	77,478	66.7	8,560	10,521	171,825	602,665	28.5	1,948	8.2
1962	717	467,318	3,144,893	49,078	379,977	1,245	31,985	78,796	63.9	8,875	10,660	186,785	612,995	30.5	2,034	8.2
1963	779	438,191	3,631,514	50,092	471,345	902	32,887	74,796	66.9	9,048	11,690	194,900	621,735	31.4	2,616	7.7
1964	848	467,691	4,099,133	47,977	520,886	660	33,547	70,168	69.3	9,731	11,497†	240,163†	629,055	45.4	1,825†	8.7
1965	938	479,347	4,526,211	43,729	531,102	500	34,047	63,708	69.4	10,091	13,651†	292,928†	635,455	46.2	1,810†	8.5
1966	929	505,583	5,281,790	43,319	612,692	200	34,247	61,982	68.3	11,194	13,912†	307,200†	641,165	47.9	1,980†	8.6
1967	896	512,808	5,745,583	43,496	666,239	None	34,247	60,115	71.6	12,893	15,427	338,100	724,600	46.7	1,970	8.6
1968†	880	518,581	6,184,083	41,260	668,907	None	34,247	56,391	73.4	13,107	15,572	347,499	729,400	47.7	1,920	9.2
1969†	882	496,763	6,747,362	37,083	699,808	None	34,247	50,724	73.1	13,326	15,953	369,730	732,429	50.5	1,895	9.6
1970†	855	457,527	7,010,480	30,880	733,045	None	34,247	43,747	70.6	13,498	16,004	372,588	751,855	49.6	1,967	9.6
1971†	869	442,543	7,470,871	27,758	754,602	None	34,247	39,084	71.0	13,873	16,842	388,426	756,265	51.4	1,940	9.9
1972†	873	441,963	7,926,055	25,381	793,442	None	34,247	34,874	72.8	13,610	16,657	389,365	760,555	51.2	2,038	10.0
1973†	863	413,456	8,321,161	21,655	815,650	None	34,247	30,669	70.6	13,797	16,854	392,385	763,925	51.4	2,079	10.2
1974†	862	384,015	8,839,803	19,193.2	843,757	None	34,247	27,553	69.7	13,944	17,145	395,634	769,415	51.4	2,133	10.5
1975†	870	370,472	9,184,065	17,579.9	872,405	None	34,247	26,067	67.4	14,364	17,989	399,823	774,945	51.6	2,182	10.5
1976†	854	376,589	9,420,804	16,607.9	873,310	None	34,247	26,272	63.2	14,585	18,243	405,089	783,065	51.7	2,131	10.8
1977†	862	364,645	9,854,794	15,046.8	898,356	None	34,247	25,608	58.7	14,544	18,575	410,439	789,175	52.0	2,189	11.0
1978†	864	342,227	10,343,389	13,163.4	915,699	None	34,247	23,362	56.3	14,490	18,620	411,864	797,835	51.6	2,223	11.3
1979†	853	332,790	10,515,779	12,114.3	928,080	None	34,247	21,793	55.6	11,469	15,709	411,974	807,435	51.0	2,253	11.3
1980†	854	325,205	10,822,865	11,483.1	938,756	None	34,247	22,702	50.6	11,054	15,405	393,571	821,615	47.9	2,385	11.5
1981†	853	309,549	11,130,688	10,928.7	949,555	None	34,247	25,490	42.9	10,816	15,402	396,061	848,925	46.7	2,397	11.7
1982†	858	251,626	11,383,979	9,522.1	959,093	None	34,247	27,709	34.5	10,883	16,072	401,581	874,545	45.9	2,388	11.9

\* Current volume plus previous cumulative does not equal current cumulative because of yearly revisions.

\*\* Waterflood oil includes estimated dump flood production. All other figures exclude dump flood production.

† Includes abandoned acreage with waterfloods and pressure maintenance.

‡ Does not include pressure maintenance data.



